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THE INDUSTRIOUS HEN



ONE YEAR 50c---THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM



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Stock raised from eggs direct from Owen Farms at \$50.00 per 100. Am booking orders either kind at \$3.00 per sitting of 15, or two sittings for \$5.00.

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Stock raised direct from eggs from Mrs. Bridgewater, Dixon Springs, Tenn., at \$3.00 for 15 eggs. MRS. A. BINNIX, MOORE'S HILL, IND.

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High-class exhibition and utility stock of both breeds. Cockerels, \$3 to \$20 each; pullets, \$3 to \$15 each; eggs, \$5, \$4, \$2.50 and \$1.50 per 15. Write for mating lists and description of sale stock.

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First prize winners everywhere shown. Besides other firsts, won 1st pen at Mississippi State Fair, Jackson, and Warren County Poultry Show, Vicksburg, Miss. All firsts at Attala County Fair, Kosciusko, Miss. Eggs, first pen of prize winners, \$5.00 per setting of 15. Second pen, strong birds headed by 1st cockerel Mississippi State Fair, \$2.00. Fertility and fair hatch guaranteed. Write me.

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My birds won at Hickory and Greensboro, N. C., and Augusta, Ga., this season. Only places shown. I have a grand lot of birds from which I am offering eggs at reasonable prices, considering quality.

Utility Pen—\$2 per 15; \$10 per 100.

Special Matings—\$5 per 15.

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From two specially selected pens. No culls or so-called utility stock. Every one a high-grade bird, with fine even surface and under color.

Eggs—\$3.00 and \$5.00 per 15.

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They are vigorous, high in quality, and unsurpassed as layers. Good pullets at \$2.00 and \$5.00. Cockerels at \$5.00. Eggs at \$2.00 a setting and up.

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My Blacks won at Memphis, Tenn.; Greenville, Jackson, Greenwood, Miss. I am offering eggs from my heavy-laying strain at \$2.50 per setting of 15.

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Well mated pens, no culls; bred to lay; they are laying for us and will lay for you. -- -- --

EGGS, \$1.50 for 15.

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Are choice, cheap, charming. Sixty-four first premiums at five 1910 shows, including Tennessee State Fair. Stock and eggs for sale. Day-old chicks a specialty. Satisfaction guaranteed.

Also Berkshire Hogs, Collie Dogs.

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Stock for sale. Eggs in season. Winners wherever shown. Write

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Book your orders early for eggs from my special mating. . . .

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PRIZE WINNERS, EGG LAYERS

Some choice cockerels for sale. Eggs for setting.

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At the Pine Bluff State Show I won eight ribbons and \$21.75 cash premiums. Eggs \$1.50 per setting or \$6.00 per hundred. Ready to fill orders any date.

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1020 Mulberry St. PINE BLUFF, ARK.

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from high-class S. C. RHODE ISLAND REDS—Lester Tompkins strain. BLUE ANDALUSIANS, \$1.00 and \$2.00 per setting of 15. Some choice Andalusian stock for sale.

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Langford-Thompson Strain, a combination hard to beat. Eggs, \$3.00 per setting of 15.

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Weingartner's ANCONAS

Excel in egg production, summer or winter. The coming favorite. Eggs—\$3.00 per 15, \$5.00 per 30. WEINGARTNER BROTHERS, New Castle, Pa.

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Cockerels and Pullets for sale cheap to make room for spring chicks. Eggs in season.

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OF ALL THE

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Box H. Scotch Plains, New Jersey

Eventually, if after the best Orpingtons, you will send to their Originators. Why not now? and avoid loss and disappointment. We guarantee safe delivery and satisfaction on everything we ship, which is backed by a reputation of 37 years standing.

SEND 10c FOR 1911 CATALOGUE containing history of the origination of all the Orpingtons, and hints on poultry keeping.

LATEST WINNINGS: 13 firsts out of a possible 16 at **Augusta, Ga.**, 363 Orpingtons competing; 4 cups, best Orpingtons of the South and North competing. **Palace Show, New York City**—17 firsts, 10 seconds, 5 cups; as usual cup for best display, best pen, best cockerel, 380 Orpingtons competing. **Vineland**—15 firsts out of a possible 15, 3 cups, 3 medals.

At **Madison Square, New York**, we have won 103 firsts, 72 seconds at six showings, more than eight times as many firsts as any other Orpington breeder. **It pays to go to headquarters.** Several thousand stock birds always for sale. Eggs \$5, \$10 and \$20 a setting.

SILVER MOTTLED ANCONAS

DISMUKES' STRAIN--THE EGG MACHINES

Dismukes' Strain is a combination of four of America's leading strains. We bought our stock from these different breeders in order to perfect a separate and distinct strain of hardy birds, and that we have succeeded in our aim, our exhibits and winnings in the leading Southern shows is testimony.

Three Breeding Pens

Three grand breeding pens mated up for the egg trade. These pens contain all our prize winners and pullets from Madison Square, Chicago and Cleveland winners. Our egg record of 510 eggs in four straight months from six hens stamps the Dismukes' Strain of Anconas as the best layers to be found anywhere, and an egg record that can hardly be equalled.

EGGS FOR HATCHING

\$2.00 and \$3.00 per 15, \$4.00 and \$5.00 per 30, and \$10.00 per 100



Pleased Customers

Woodlawn, Ala., Jan. 22, 1911.

Dismukes & Arrington,
Castalian Springs, Tenn.

Gentlemen:—The pen of Anconas I bought of you came in all right and on time. I am well pleased with them. There has been many callers and they were very much admired by everybody. Think I can get you more orders. Allow me to thank you for the nice mating up of the birds. Yours truly,

JAS. W. DRAKE.

Dismukes & Arrington. Dec. 21, 1910

Gentlemen:—To say that I am pleased with the birds is expressing it mildly. The cockerel is a beautiful bird, well marked and the pullets have good color. The pen, to my mind, is better than you represented.

C. S. HAYES, Knoxville, Tenn.

Prize Winners and Heavy Layers

A. P. A. Diploma for best cockerel in the Mediterranean class. This feat was duplicated at the Appalachian Exposition. At the above shows these wonderful egg machines, with their beautiful body-screen of green, interspersed with black and white mottles, made a living picture on the minds of visitors not likely to be forgotten.

DISMUKES & ARRINGTON, Castalian Springs, Tenn.

THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

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Knoxville, Tenn., February, 1911

(Whole No. 81)

No. 9

Judicious Feeding For Eggs and Fertility

By MRS. M. E. UTTERBACK, Williston, Tennessee

Written for *The Industrious Hen*:

SOMETIMES eggs fail to hatch, or, if they do hatch, produce chicks with little vitality. In such cases, the incubators may run smoothly and hens set faithfully, and all conditions seem favorable to a good hatch, yet there is only a small per cent of strong chicks. All fertile eggs do not hatch; which is due to weak germs, and many times weak germs hatch out chicks only to live a short life. Chicks dying in the shell is due to weak germs, caused by unhealthy breeding stock, or from hens over-fat, lack of ex-

production from mother earth all go to fill the egg basket. This is living near to nature, and we must not violate nature's laws, if we are successful egg farmers.

Feed a balanced ration that contains sufficient protein foods to build up and maintain the muscle and bone of the fowls; enough of the carbohydrates as fat producers and heat producers and you have the proper combination to maintain the constant drain of egg production and the proper combination to keep your flock in perfect health, producing fertile eggs which hatch chicks of strong vitality. When it is possible to raise your chicks on free range until time for mating up your yards, it is better to do so.

Oats, wheat, kaffer corn, clover, meat scrap and green bone contain the protein elements in excess, while corn, barley, sunflower seed, cotton seed meal and millet are strong in fat producing elements. Corn is valuable in winter to keep up the heat of the body, but should not be fed alone or to excess, as it produces too much fat and infertile eggs and weak germs is the result.

Wheat is the most valuable of any one single grain and contains the protein, the albumen, the very element of egg production. Kaffer corn is rich in protein, an egg producer. Barley is also excellent, and is less expensive than wheat. Buckwheat and sunflower seeds are both excellent for fitting birds for the show room, as they impart a silken gloss to the plumage. Ground or cut clover contains all these elements for egg production and fertility, but on account of its bulk, not enough can be fed at one time; so it is used largely as a base for mash foods. Mix in the evening before using and allow it to swell.

All in all, the question of judicious feeding for eggs and fertility is one of judgment, coupled with the knowledge of the food value of the material used. On this, your success depends largely for egg production and fertility. With a careful study of the food value of different materials, and the condition of your flock and their needs, you can increase or decrease at will their egg producing powers, and can also place your fowls in their best form for exhibition.

Best Hens Lay Poorest Eggs

It is a curious fact that in buying eggs for hatching, breeders are apt to judge the quality of the chick that-is-to-be by the appearance of the egg. A sitting of beautiful large, nicely colored eggs of even size, will please the most fastidious; yet every breeder of pure-bred poultry knows that it often happens that his very best birds will lay the poorest shaped eggs: eggs that he is ashamed to send out lest he be accused of dishonest conduct.

For Fattening the Fowls

A fowl should always be fattened as quickly as possible. Ten days is long enough, but it should be confined either in a coop or a number in a small yard. They must have a continual supply of fresh water, and should be fed four times a day, the first meal being given early, and the last one late. A recommended mixture is three parts cornmeal, one part ground oats, one part bran, one part crude tallow, the entire lot scalded and fed for the first three meals, with all the corn and wheat bran that can be eaten up clean at night. Weigh the articles given.



First prize S. C. Buff Orpington Cockerel at Madison Square. Bred and owned by Wm. Cook & Sons, Originators of all the Orpingtons, Scotch Plains, N. J.

ercise and improper feeding. Keep your flock healthy and active and your fertility will run high.

There is nothing so important to fertility in eggs as fresh air and pure water. Do not allow them to roost in unclean, close quarters. Feed freely mixed grain in litter so they will be kept busy scratching, as the busy hen is the one that pays. If confined in runs, supply green food and meat in some form, as nothing makes more fertile eggs than green and animal food. Farmers get eggs because their fowls run at large, picking up green blades of grass and bugs here and there, and the exercise in obtaining these elements of egg

The Farmer's Modern Poultry House

By LYNN C. TOWNSEND, Weedsport, New York

Written for *The Industrious Hen*:

THE subject of suitable poultry houses for the farmer is one that rarely is given much consideration by the farmer himself. To get good results, suitable houses must be supplied. A poultry house need not be very expensive to give good results. In most cases the less money invested in the houses, will mean more money to put into good breeding birds, for good houses and poor stock make a bad combination.

In building a poultry house, a number of things must be considered. Never build permanent buildings unless you own your land, and have plenty of it. I think portable buildings will give the best satisfaction in every case, for they can be taken apart and thoroughly cleaned. I do not believe in building poultry houses four and five hundred feet in length. While small buildings mean more work, and possibly a little greater expense at first, there are many points in their favor. For instance, all people do not make a success of the business, and if you should give it up with three or four hundred foot buildings on your hands, how are you going to realize anything on them? If they were ten or twelve feet long, they could very easily be disposed of to people in need of woodhouses, etc. A small building can always find a ready market, and more so if it can be taken apart and moved on a lumber wagon.

It is a well known fact that a few hens kept together will do much better than flocks of a hundred. I usually build my houses large enough to accommodate two breeding pens of birds, although a house that will accommodate four or five pens is not too large. Where the birds are kept in large flocks, the individual is lost sight of, but in small flocks, a chance is given for keeping account of each bird.

Location is a very important item in building your poultry houses. If you cannot pipe the water supply to the buildings, locate them as near as possible to the well or spring. It is safer to build your poultry houses as convenient to your dwelling, as you are then protected better against thieves. Houses that are located at any great distance should be equipped with burglar alarms. Allow for large roomy yards, and aside from the breeding season, give the birds as much free range as possible.

Watch out for dampness. If the ground cannot be drained, look for a new location. A gentle slope to the south is the best and will usually afford protection from the north wind. To insure sufficient dryness, a gravelly soil is the best. Laying birds require not only roomy yards, but yards that will raise green food for them. A plot of alfalfa will give excellent results as a poultry yard. Shade in the run is very essential, and where quickly maturing fruit trees are planted, they will add materially to the income in a few years.

Make everything inside the house portable. This will give you a chance to keep an upper hand on the lice and mites. Do not fill up the house with useless devices. Have everything orderly and as clean as you can keep it. The roosts and dropping boards should be arranged so that they may be easily cleaned. When the habit is once formed of cleaning the poultry house regularly, the work will seem comparatively light. Keep the dropping boards well covered with ashes, although good, dry earth will preserve many elements, making one of the best fertilizers to be had. This is an item that many farmers neglect to count as one of the most valuable assets he has.

Fresh air is very necessary for the laying stock. Open front houses will solve the problem of proper ventilation,

making your birds healthy and hardy, as well as keeping the egg basket well filled. The sun is the best disinfectant to be had, so arrange to get a good supply of it. The windows of the poultry house should be placed as near the top of the front as possible. Have a frame work covered with muslin to fit in the front in order to admit of fresh air. If your location is very cold and stormy, a curtain can be placed in front of the roosts. This should be rolled up in the day-time and the sun allowed to penetrate every nook and corner.

I am building a portable house that I think will be successful. The house is 30x12 feet, making five pens each six by twelve feet. This gives plenty of room for a breeding pen of six females and a male. The roosts and dropping boards extend across the entire six feet at the back of the pen, the nests being secured under them. All of the interior furnishings can be removed in five minutes. The whole house is made portable, being fastened together by hooks. The roof and sides are covered with a good quality of roofing paper. The front contains frames, half glass and half muslin. This house can be kept clean very easily and can be moved about in different places.

But, remember one thing—no matter how good a house you have, you should keep nothing but the very best in the way of poultry. It costs no more to raise thoroughbreds than it does to raise mongrels, and you will be astonished at the results. Never stint your birds for room. Each bird should have at least four or five square feet of space. I am giving my birds about ten square feet for each fowl, and am sure that they will do much better for it. Of course, the amount of yard room given will make a great deal of difference with the amount of floor space required. Make your yards long and narrow, and if possible, have two sets of yards for each house. You can

then alternate them, keening green stuff before your birds at all times.

The essentials of a poultry house may be summed up briefly under warmth, proper ventilation and dryness. If your houses are built stationary, it would be best to use concrete floors. These should be covered with eight or ten inches of dry dirt, and then a plentiful supply of scratching litter. A concrete floor is dry, easy to clean and is a barrier against rats. If your houses are portable, board floors should be used. These should be raised at least six inches above the ground and should be removable in case undesirable animals should conclude to take up their abode there.

An up-to-date farmer's poultry house should be one with plenty of room, light and sunshine, fresh air without draughts, movable fixtures, built for comfort according to modern plans to suit his pocketbook.

The color of the skin of a fowl can be changed by the feed. Sometimes, the color of the skin is important, but half of the fowls that are sent to market have anything but yellow skin. In breeding for market it is important to have a breed that grows rapidly and fleshes up young; the skin should be yellow, and if the feathers are all white, both the chicks and old fowls will look much better when dressed than those with colored feathers.

Better sell honest eggs—eggs that you can guarantee fresh. Remember that after three days of age an egg is no longer strictly fresh. It is necessary to date the day they are laid to be sure of the age.

OFFICE OF DISMUKES & ARRINGTON Mottled Ancona Specialists

The Industrious Hen, Knoxville, Tenn.

Gentlemen:—We want to tell you that THE INDUSTRIOUS HEN is bringing us enquiries from all over the United States and some from Canada, which shows that your circulation is not confined to the Southern States alone. We get from four to nine letters a day in regard to our Mottled Anconas and practically all mention THE INDUSTRIOUS HEN when writing. A great many letters are from Georgia. We have made some good sales, and expect to make more. You are authorized to insert the inclosed copy in a half-page space. Yours very truly,

DISMUKES & ARRINGTON.

Castalian Springs, Tenn., Feb. 4, 1911.

Going Light or Parasitic Disease

By MRS. S. C. BRIDGEWATER, Dixon Springs, Tenn.

BREEDERS of live stock do not yet fully realize the importance of Parasitology. In horses, cattle and dogs, the ravages of various worms and pests are recognized as enemies to be guarded against by the most strenuous effort. To the poultryman, however, these dangers do not appeal in the same way, due to the fact that the real cause of the trouble is not so easy to detect. In most animals it is sufficient for the coat to be dull and the body to be thin for the owner to realize that something is taking up the nourishment supplied, and that the animal is not obtaining the full benefit of food. After having noticed, if the failing is due to insufficient mastication or irregular teeth, and deciding that the fault does not lie here, the next point is to physic the animal and examine the excreta for worms. Often the results immediately justify the action. In poultry, this remedy, even if true, fails to find results from the fact that birds feed naturally on all forms of insect and parasitic life and really devour all such at the instant of evacuation, leaving no trace to record the trouble. That the bird is given to parasitic trouble to a large degree is a proven fact.

Tape worms, of which there are 130 varieties, round worms, fluke, or flat-soled worms found in the liver, gape worms found in the bronchial tubes, and many others are common enemies of our feathered friends. When it is stated that one ripe segment of tape worm will contain 30,000 ova, and from scores of these segments, millions of eggs will be deposited, it will be realized the enormous amount of damage they can do. Nearly every instance of bird wasting and going light can be traced to some such origin. Although at present there appears to be some mysterious disease to which fowls are subject, which causes a gradual wasting of tissue, even *this*, no doubt, before long, will be traced to some parasitic trouble in a vital region.

The tape worm and others are killed by salt; the fluke has no hold in salt marshes. Soot and lime are valuable dressings for land infested with parasites. All recognized disinfectants are fatal to worms at all stages if they can be brought into actual contact, but this is not easy.

The utmost cleanliness of houses and runs, the turning over of earth runs and burning of nests from time to time are additional helps in their ultimate destruction. The expulsion of worms that can be reached by drugs through the mouth is not difficult and for these pomegrate, oil of male fern, spirits of turpentine can be given in doses suited to the ages of the birds. Two grains of dry food and two drops of liquid are sufficient for an adult bird. They are best given with equal quantities of olive oil.

All worms voided must be burned. I often keep a box of rock salt in the pens for birds to eat if they like, and I think it is a great help against many parasites. I use turpentine freely as a cure. I place two drops on a pellet of food. In treating a whole flock or a pen of birds I should

feel inclined to measure the number of drops required for the flock into their evening feed of corn and stir well until every grain was coated and their feed as usual.

You will find most insects and parasites breed most freely in the months of May and June, and this, therefore, is the time to be chiefly on one's guard.

Lice and fleas should be kept down by powder and a mixture of paraffin and oil brushed into the feathers of the head, under wing, and round the vent as they form in many instances, the nurses and bearers of the worm in their intermediary stages.

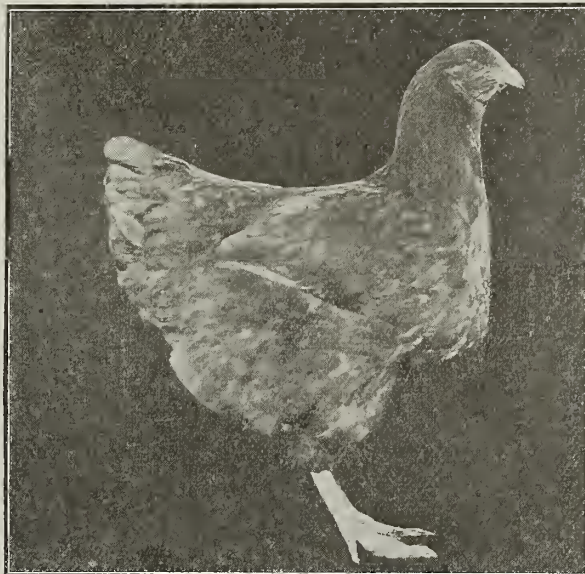
A farm once badly infested, would not be fit again for at least a period of three years for successful exhibition poultry farming.

Artificial Incubation

Post mortem examination has shown that the death of chicks, during artificial incubation and rearing, can be laid to four causes: First, to heredity or to environment during period of incubation. Successive alternate periods of heat and cold during incubation are responsible for a very large proportion of abnormalities. Second, to overcrowding in the brooders, resulting in death by suffocation, trampling, etc. Third, to imperfect sanitation, lack of ventilation, sunlight, etc. Tuberculosis flourishes in the dark, poorly ventilated brooders. Fourth, to improper feeding. For the continued maintenance of health, there must be a definite proportion between the amount of carbohydrates, fats and the nitrogen-containing proteins. The Rhode Island Experiment Station says that a ration wholly vegetable is almost certain to contain too low percentage of nitrogen, while a ration exclusively animal is very sure to be deficient in carbohydrate.—M. K. BOYER, N. J.

The Egg Season Here

Don't fail to start your advertising for the sale of eggs for hatching with the March issue if you have not already started it. March isn't too early to start, neither is it too late. It is just the right time. March and the three or four months following are the best months in the year for poultrymen. It is the time of the year when an advertisement is sure to pay. Nearly everyone buys at least one setting of eggs every season, and if you have something good to sell there is a buyer for it. If you haven't enough to sell to justify you in taking a page, or a half page advertisement, take an inch or two, or if only a few, take a classified advertisement. They are wonderful business bringers for the cost. We are making you an offer of space after March 1st at the old rate of \$1.26 an inch a month, if taken prior to that date. We always make it a point to give our display advertisers at least one free reading notice while the advertisement is running, usually in the issue in which it starts, but the demand on our space is such that we are obliged to limit them to some extent.



S. C. Buff Orpington Pullet, winner of first prize at Alabama State Fair, Birmingham. Bred and owned by H. C. Henderson, Talladega, Ala.



S. C. Buff Orpington Hen, winner of several prizes and the foundation of flock. Weight, 10½ pounds. Bred and owned by H. C. Henderson, Talladega, Ala.

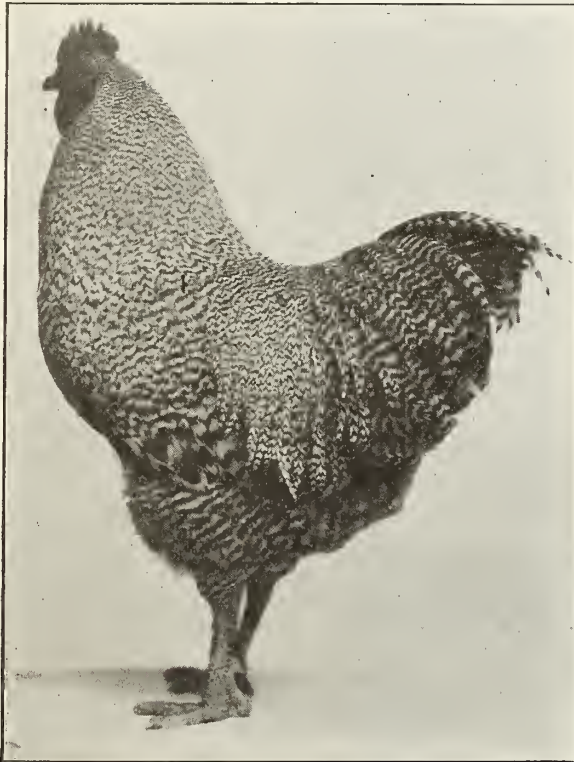
Preparing Fowls for the Show Room

By THOS. S. ALLISON, Louisville, Kentucky

Written for The Industrious Hen:

HOW to prepare fowls for the show room is a subject on which an experienced exhibitor needs no advice, but as there are a great many beginners that have never shown, they should profit by the experience of others. I have walked up and down the show room and seen amateurs taking their birds out of the coop to show friends, in a way that is cruel to them, catching them any way, pulling them out and throwing them back in. The real fancier can be told at any time by the manner in which he handles his birds—but I have strayed away from my subject.

One of the first things to do in preparing for the show room, is to select the best birds and give them extra care. Choose the best ones, the ones that stand out and show the marks of good breeding. Pen them separately, as you can give them special and expensive foods, which would be too expensive to give to a large flock. A few birds together will do better, become more tame and gentle, and their



Typical pullet-bred male of the "Hoosier" line. Sire of some of their best exhibition females. Owned and bred by Purl H. Weikal, Barred Rock Specialist, Marion, Ind.

plumage will keep in better condition. A good place to fit them is a nice grassy run. You should select more birds than you intend showing, as some which you had figured on may not turn out so well after being washed. Then, again, you may receive an order for a few birds for exhibition purposes, and in this way you would have some in condition.

Success in the show room may be credited to condition. First to natural conditions, such as care, tameness, training and posing. Next to natural conditions, artificial conditioning, by this I mean absolute cleanliness of plumage throughout. This can only be accomplished by thorough washing in a tub of water. In washing fowls, it is best to prepare in a kitchen or other room where the splashing of water will not hurt things, and where it can be kept warm. First thing necessary is to have three tubs and plenty of warm water. You will also need an assistant as there will be many things that one person could not attend to. Tub number one should be filled about half full of luke-warm water. The birds should be put gently into the water, holding them by the feet or sides of the body. Birds that have never been washed before will usually be afraid, and will try to fly at first. Here you should use a great deal of patience. If you are not care-

ful at this time you are liable to break some of the feathers. Hold the bird in the water for a while and rub with a good sized sponge, the feathers. After getting the feathers thoroughly wet through, you can then apply soap, Castile or Ivory soap being a first-class soap to use. Get the feathers all over the body filled with soap. Use the sponge freely and if the birds are very dirty, you may have to use a small hand brush, especially on the wing feathers. Be particular that you get the feathers washed clean on both sides. When the birds look clean, get as much soap out of them as possible, and then put them in tub number two, which should be about half full of clean, luke-warm water. Rinse them thoroughly in this water, so as to get out of them every particle of soap. After the bird is thoroughly rinsed in this water, it can be put in tub number three. In this tub the water should be cold, with a small amount of blueing. After taking the birds out of this tub they can be allowed to drain off. Take the hands and squeeze out what water you can. It is best to then wrap the bird in a clean towel or cloth, and place it near a warm fire. In this way the towel will absorb a great deal of the moisture. After the towel has soaked up most of the water, the bird can then be taken out and placed on a perch in the drying pen or in some clean straw. Move the birds back as they dry. Be very careful, so as to get the birds far enough away from the fire that they may not curl their feathers, or you will spoil them to such an extent that it cannot be remedied.

Be very careful that you get all of the soap out of their plumage, for if you do not your work will be worse than wasted. I have seen birds in the show room so stuck up from the soap and poor washing, that they would have been better off if not washed at all. After the birds are thoroughly dry, you are ready for the final touches. A little sweet oil applied to the legs will brighten them up and make them look glossy. The day of the show a little vinegar or alcohol applied to the comb and wattles will brighten them considerably. Look the birds over carefully for a stray black or foreign colored feather. These are disqualifications that appear in some of the best specimens, and it is no faking to pull them out. After the birds are thoroughly prepared, put them back into a clean coop until they are ready to send to the show. Use a nice dry saw dust or corn meal in the bottom of the coop, and keep it well out of a draught, so that the birds do not take cold. If you will use good judgment and common sense, your birds should be in condition to win the premiums for you.

Fowls Should Have Meat

Meat in some form must be fed poultry. Fowls on free range, especially in an orchard, gather a vast amount of bugs, worms and insects that furnish them all the meat food required. But very few flocks have the advantage of an orchard range, and as the majority of flocks are kept in confined quarters, the question of meat supply must be carefully considered. The green bone cutter has done much in solving this important question, but an injudicious use of green bone has caused troubles in other ways. It developed worms in fowls, and it produced irritableness in the stock. In young, growing stock it causes a too rapid development of the comb and wattles. A fresh meat diet should be given cautiously—not more than an ounce for each hen, and not oftener than every other day. An excellent substitute for green bone is the commercial meat sold by poultry supply houses. Being thoroughly cooked and dried, it is in a safe condition for feeding, and can be safely fed at the rate of 12 to 15 per cent.

The writer one year made a test, for profits, between one good family cow and fifty hens, to see which would yield the most profit. The result was, the cow's milk was worth at market rates, \$144.10, and the poultry account (which was mainly eggs sold) equalled \$150.21. It cost \$52 to feed the cow one year, and \$50 for the hens. The value of the manure of both was about equal. But the biggest item in favor of the hens was in point of labor, it requiring double the amount to attend to the cow that it did to the hens.

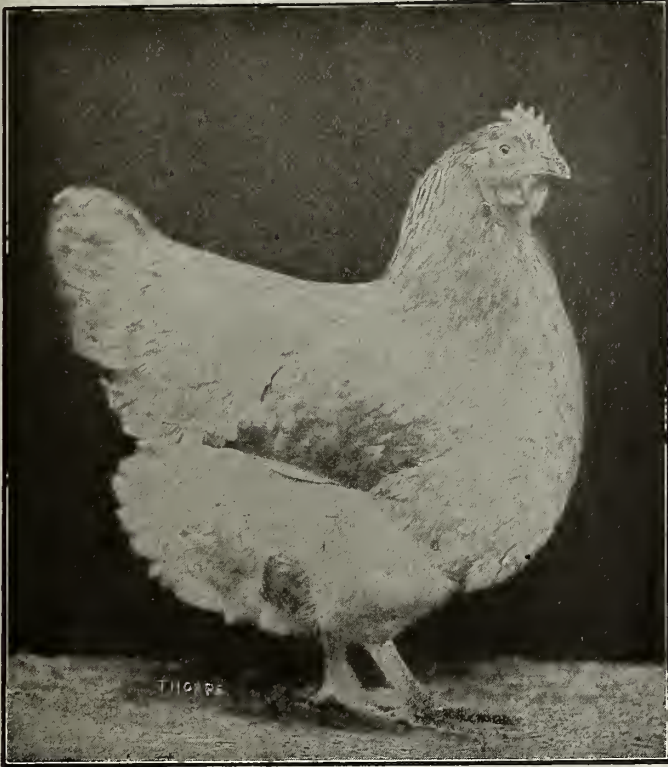
Use the head as well as the hand in the poultry business. Brain rules brawn, thought governs action, and in the poultry business there is room for both.

Exercising For Health and Egg Production

By J. C. CLIPP, Saultillo, Indiana

Written for *The Industrious Hen*:

EXERCISE is of prime importance in the rearing of chickens, or in the effort to get eggs during cold weather. But in some instances this idea of exercise is run to an extreme. For instance, when a man starves his hens in order to make them hustle out in the cold and severe weather for food in order to get proper exercise, the matter of exercise is run to the extreme. And again hens in con-



Buff Orpington Hen, "Golden Queen," winner of many first and special prizes. Owned by C. A. Keefer, Muskegon, Mich.

finement should not be managed in such a manner as to require of them active exercise every minute of time during the day.

No man ever requires his horse or cow to exercise during every minute of time during the day. Hens on range never were known to keep up some sort of a motion without the least bit of rest. If you will notice, fowls on range set in comfortable quarters leisurely many times during the day. It is not often that fowls can be managed in such a manner as to produce too much exercise, yet at the same time it is true. They are required to hustle too much at times, especially during cold weather.

The better plan is to arrange your hens in winter quarters so that they can feed on green food, such as cabbage and roots, just when they want it; and arrange such feeds so that hens must exercise somewhat in order to obtain it. It would be next to an impossibility to get hens to over-exercise when confined in winter quarters for days.

It must be remembered that hens, to lay an egg each day, performs quite a difficult feat. I am aware that it's the general impression with the majority of poultrymen that hens never require any time for rest, but must be kept active every minute of time; but this, however, is a false impression. Fowls on range spend considerable time in leisure; yet, at some time, puts forth very active movements during the time she is hunting her food.

Personally, I would prefer to feed the proper food necessary for hens and deprive them of unlimited exercise, than to store them and compell them to hustle in all kinds of weather for food in order to get proper exercise. Such an argument is possibly some relief to the careless poultryman that has not sufficient "snap" to give the hens proper at-

tention and feed. But the man who is a "live wire," so to speak, can not endure such an argument and much less the practice of such a doctrine.

It is a well-known fact, however, that range conditions at all times are not those most favorable for best egg production or proper development of youngsters. Common sense must be the leading feature in matters of managing a flock of fowls. I presume the experienced poultryman in many instances becomes so successful in his profession that by force of habit, or otherwise, arrives at the conclusion that there is nothing perplexing about managing a flock of fowls successfully, arriving at the conclusion that poultry keeping is easy sailing for any and all classes of people. However, such is not the case and the novice quickly learns that there are many things to know about the venture.

Possibly some poultrymen, with only a few years of experience, finds himself up against a hard proposition, and if he only knew just what to do, just at the right time, he could save great mortalities in his flock. For instance, a few years ago, when grains of every description was scarce; hard to feed a variety of grains owing to the extreme scarcity, a friend procured a quantity of threshed oats and was feeding it almost exclusively; consequently, he soon had a number of fowls suffering from compaction of the crop. After I had shown him how to open the crop and remove the contents and the treatment to follow after the operation, he decided the matter was not so difficult after all, as he had saved every afflicted bird, but the proposition of saving them was a perplexing one. Same is true of the exercising proposition. You must know just when and how much exercise to require of the fowls for best results.

What Breeds to Select

This is one drawback to the beginner. I began in the poultry business about fifteen years ago, and have tried twenty-three different varieties. Some folks call them all good, and they are; but for me, I want but S. C. Rhode Island Reds and S. C. White Leghorns. They are my choice among them all.

The Reds are the best all-purpose fowl. They can stand more cold and wet weather than any breed I have ever tried, and are easily raised; make excellent broilers for the early market; are good setters and mothers; and, if you want to raise your chickens with hens they can't be beat (and I think the old hen the best way for a beginner). I used the Wyandottes exclusively for setting purposes a good many years, but I find the Reds much better.

The S. C. White Leghorn, if you want beauty and eggs, stand in a class to themselves. The new breeds come and go, but the Leghorn has come to stay. It has been said that the Leghorn will not lay in the winter, but this is a mistake. If you will give them a good house and plenty of food in straw about twelve inches deep to keep them busy, they will shell out the eggs all the winter long.

The time has come when the farmer wants something besides feathers; he wants eggs, and the Leghorn hen will lay them. My flock of Leghorns made an average of over 200 eggs per hen last year and I have never kept any other breed before that made an average of over 150. They are non-setters, but that is all the better if eggs are what you want.

The incubator and brooder is the best way to raise chickens, but you have to learn how before you can do much good. I can raise 2,000 chicks now with incubators and brooders, and do it with less work than it will take to raise 500 with hens.—HERBERT HAUN, Mohawk, Tenn.

The Houdan is the only French breed that ever gained a stronghold in America. The French people are noted epicures, and the French breeds of poultry are among the very best for table purposes. If the Houdan was better known it would become a still greater favorite, for it possesses the most desirable qualities for a table fowl. The breast meat is plentiful, and of a fine texture, tender, rich and juicy. There is no breed of equal weight that will yield as much meat as the Houdans. They dress with less offal than any other breed.

How to Make Your Poultry Advertising Pay

By J. E. WILMARTH, in "Successful Poultry Journal."

ADVERTISING in the poultry papers is very necessary to success in the poultry business. This is conceded by practically all experienced breeders who have made a success of the business. But there are many advertisers who do not get the results they should get from their advertising. A few, because of poorly gotten up ads, but more by not attending to their inquiries, not answering them promptly, or not giving the information asked for. Others depend too much on printed matter to sell all their stock.

The great trouble seems to be that the great majority of advertisers do not appreciate what they should expect from the poultry papers, and do not take advantage of their opportunities to the fullest extent. With the hope of helping some such, we will try and give a few hints about conducting an advertising campaign.

We will presume that one is just beginning with poultry, he has bought some good breeders, raised some good stock from them, and showed them at his local shows, won with them, and he has a few surplus birds that he wishes to dispose



First prize S. C. White Orpington cockerel at Madison Square. Owned and bred by Wm. Cook & Sons, Originators of all the Orpingtons, Scotch Plains, N. J.

of. Right here is where many make the serious mistake of thinking that they should get just as much for their stock in proportion to quality as they paid for the original breeders, and while they may sell a few at these prices, they are very liable to have most of their surplus birds on their hands at the end of the season. They must remember that the breeder from whom they bought had a reputation of several years breeding, showing, and advertising, and the buyers will have much more confidence in the old breeder than they will have in the beginner. One has to go slow on the start and work up a reputation, so the first season confine yourself to a modest amount of advertising. Figure out what you would be sure of getting for your stock locally, then take the amount your stock is worth as breeders and show birds, or in other words, the amount you expect to ask for the stock, and take the difference between these amounts as the amount that you will spend for advertising. In this way you will be sure to dispose of all your surplus stock, and, while in the end you will have no more money than if you sold them to your local butchers or breeders, you will build up a reputation that will be of great value to you in the future.

Do not spend all your advertising appropriation in advertising in the papers, but get up some small circulars, en-

velope size, also some cards, for distribution at the shows, and cards about six by twenty inches in size, with the name of your breed most conspicuous, and your name and address under this, are very nice for slipping on the front of the exhibition cages, after the birds have been judged, and are good to tack on the sides of your shipping coops. In your circulars, give your winnings, any testimonials you may have, and if breeding only a short time, the strain your birds come from, your terms of sale, and other information. I would not advise anything very elaborate the first year. You will also need letter heads and envelopes; addressed envelopes are also nice to have, and help to bring you some orders that you would not otherwise get. This stationery and literature will only cost a few dollars, and it is best to only get a small quantity of each, for as we go along, we most always see how some of it could be improved. After a couple of seasons, quite a large quantity could be gotten up, as soon as we found out what answers our purpose best. The main bulk of our advertising money should be spent on classified advertising the first year, in several different papers. This kind of advertising brings inquiries for the cheap stock, as a rule, from beginners, etc., who do not appreciate the value of high grade exhibition stock, but are willing to pay from two to five dollars for a good all around bird, and the beginner will find that five dollars is about the limit he can get for any stock sold through advertising exclusively, except that he may have an exceptional bird, that is seen by some experienced fancier, when he may get quite a long price for it, but as we go along, and gain experience from years of breeding, we will generally find that those birds that we bred when we first began that we thought were worth around twenty-five dollars, we got their full value when we sold them for five. As soon as you receive an inquiry, answer each question asked fully, give a true description of the kind of stock that you have that you think will please the inquirer, and make the price as low as possible, and you will be pretty sure of making a sale, and making a pleased customer that is liable to come back to you for more stock at any time, and will advise his friends to send to you when they desire your kind of stock. Attend to inquiries promptly. The writer wrote to several breeders one year inquiring as to stock; one answered so promptly that I wondered how he did it, another one wrote me two months afterwards, long after I had ordered what I wanted, and the rest were between these two extremes. In placing the order, I gave the ones that were prompt the preference, although if I had received the last party's reply promptly, I should have given him the order, for he seemed to have just what I wanted, but his delay in answering gave me the impression that he would be just as slow in shipping the stock, and I did not want to wait six months for him to make up his mind to send me the birds. I think most inquirers would think the same as I did, so attend to your correspondence promptly.

The second year's advertising should take in a good size display space, in one paper, or small display in several papers, although most papers claim better results are obtained from large display in one paper. But whichever method you adopt, do not try to be funny, for while you may make some people laugh, it will not bring the business that a good straight statement of facts will. And in writing the copy, don't think you are the most important and put your name and address in big letters, or some one may think you are for sale instead of your chickens. State the variety you have for sale in good size display, so they will catch the readers eyes easily, for practically all inquirers know what breed they want to buy before they start to look up the breeders of them. After the name of the breed give a few facts about your stock and what you want to sell, but do not overcrowd the space. If you will leave the arrangement of the advertisement to the printer, he will put it up to the best advantage, for it is to his benefit to have you get good results from it. A good cut will attract attention, but do not put a cut of yourself in your ad. Space costs too much to use it for a portrait display. Take full advantage of free readers, and have cuts of your stock and buildings, etc., to run in the reading columns, but have good cuts of good stock. A poor cut does more harm than good.

To sum up, take full advantage of your opportunities, pay your advertising bills promptly, get all the free publicity possible, write an article about your breed, get it into every paper possible, attend to all inquiries promptly, and send out stock that is worth more than you get for it, and you will put your poultry business on a rock foundation.

The S. C. Brown Leghorns Beats Them All

By J. W. LEEMAN, Henderson's X Roads, Tennessee

Written for *The Industrious Hen*:

NINETEEN years ago I began housekeeping and doing a small farming business for myself. After investing a small sum for household and kitchen goods, to keep house in a rude way, I invested four and one-half dollars in what was supposed to be Brown Leghorn eggs, forty-five in number. Having been from my boyhood interested in fowls, I noticed where lots of eggs were sold to the marketers by people who kept what was called Brown Leghorns, described as follows: Cock, large red comb and wattles, white lobes. He commenced to crow and pay his respects to the fairer sex at from six to seven weeks old, crowed all night and all day. Hens were brown, with yellow hackles and legs, large comb, loping over her eye, layed once every day, cackled and scratched balance of the time.

Their color was very choice; I liked them best, and did what every person who expects to breed chickens should do: selected the breed I liked best. I soon had hatched a nice lot of chickens, striped as a quail, and nearly every egg hatched, as Leghorns do, if half cared for. They grew into beauties, the first pullets laying at less than four and one-half months old.

I have been breeding Brown Leghorns ever since. For a number of years I bred for eggs, regardless of Standard requirements. Having a foundation flock of good layers, which should be first quality of every flock, I then began breeding Brown Leghorns to Standard requirements and today I can look over my flock of over 300 birds, and select as many birds that will score from 90 to 94 points as any breeder in the South. After much reading, experience and observation, I long ago decided that a Leghorn is a Leghorn regardless of color, (I mean the Brown and White varieties, notwithstanding the claims of the White Leghorn fancier to the contrary). The White fancier claims the White Leghorn to be larger and lay more and larger eggs than the Brown, but they don't and can't prove it. They merely assert it. They cite us to the large egg farms of the East, and say all use the White Leghorns. Admitting that to be true, that is a mere fad of the Eastern breeder, possibly brought about by the mere contrast that a large flock of white fowls make with surrounding objects; or possibly the White Leghorn club has pushed their breed barder in that section.

If we don't find Brown Leghorns on a few egg farms in the East, we find them on two-thirds of the farms of the South and West, and find them everywhere in the North where we find Leghorns.

The Brown Leghorn is popular in dry and droughty climates in that it does not show soil and look dirty as do the White during dry, dusty periods, without rain to wash it off. For the same reason a customer of mine who lived in the city, and had been trying the Whites, wrote me to ship him some Brown Leghorn eggs, that he liked the Leghorns best and preferred the White, but that his were no longer white on account of the coal dust.

Such is the case; if they could always be kept free from dust and dirt, all right.

If their claims were true, we would find the Whites in the majority among the general class of breeders, instead of the Brown. But few people like a solid color; they like the

beautiful striping of hackle and back, that glossy black back and tail and beautiful color of wings of the cock. They like the yellow, striped with black hackle, ashy brown body and salmon colored breast of the hen.

The Leghorn hen will mature, and have her raising paid for, ready to begin a profit to the owner, before her American or Asiatic sister begins to lay: besides, it takes a third less feed to raise her, and at the same ratio to maintain her in laying condition. She will then forage for another third, and that counts during the high prices of feed.

Then why feed a large hen to lay a few small eggs, when you can feed a smaller hen to lay lots of eggs? The larger the hen the more cost to keep. Leghorns are better winter layers than others under same conditions. Leghorns are suited alike for city lot or farm. Our city cousins generally feed too much. The Leghorn will exercise, even though her space is very small, and keep off surplus fat and continue to lay, while the so-called "suitable for town chicken" will draw her head up between her wings and sleepily await the next feed.

Our farmer brother, as a rule, don't feed enough of the proper feed to produce eggs. The Leghorn will eat what is given her, will go out and hunt the balance, and invariably pass back by the nest and leave an egg to her credit. While the Leghorn is a non-sitting breed, yet a per cent of them, after a year or two old, will become broody. A person who knows his chickens can select from those broody enough to make all of the best mothers any breed can furnish. They make kind and providin' mothers, gathering a

larger portion of natural feed, thus making an even, strong and vigorous growth, giving a strong constitution and not a weak, hothouse plant.

During my experience of nineteen years raising Leghorns, I have never had one to drown from storm and beating rain. The Leghorn mother will always provide shelter. She is alert and usually see the hawk as well as the angry cloud, and her alarm hides them from his depredations.

Especially to our farmer brothers who are not so close to a market, let me say, eggs are what we want. We can produce two dozen eggs with less feed than it will require to produce a pound of flesh, and a dozen eggs will bring more than a pound of flesh, and less shrinkage to market them. So let us begin the present year with a heavy flow of large, white eggs that are today bringing fancy prices at the most remote points for market.

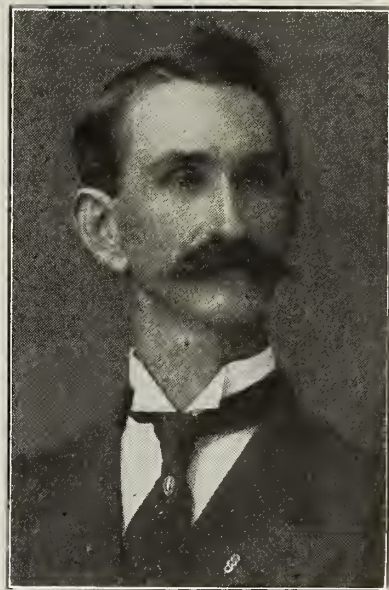
Absolute Cleanliness Necessary

The poultryman who follows the daily cleaning method, is generally the one who looks after the other essentials, considering them equally as important. Cleanliness should be more rigidly enforced in winter than in summer, for the reason that on account of much bad weather, and longer nights, fowls are compelled to spend more time in the houses,



GWYNNE VAUGHAN
Lebanon, Tenn.

Breeder of R. C. Black Bantams and youngest fancier in America.



J. W. LEEMAN

One of the leading attorneys of the Lebanon bar and breeder of S. C. Brown Leghorns.



"DOROTHY"

White Orpington Hen. Winner of many prizes. Owned and bred by East End Orpington Yards, Falls Church, Virginia.

Some Impressions at the Atlanta Show

By L. B. AUDIGIER

THE spirit of Atlanta was most assuredly manifest at the *Georgian's* poultry show, January 8 to 15. The large auditorium-armory, decidedly the best building in the South for a gathering of this kind, was well filled with birds representing almost every Southern, and many of the Northern and Eastern States. They came, also, from the pens of some of the most noted breeders in the South, and the prize money favored no sections, but was universally placed where it belonged. The veteran and popular judges,



S. C. Buff Orpington Cockerel, winner of second prize at the great Birmingham show when not quite six months old. Bred and owned by H. C. Henderson, Talladega, Ala.

C. A. Emry, of Missouri, and our own F. J. Marshall, of Georgia, placed the awards, and well were they done. President H. G. Hastings, Secretary C. O. Harwell, Treasurer J. M. Kannisch, Supt. Alf. Bertling, Ass't Supt. Harry Jennings of Knoxville, and other members of the association, worked incessantly for the ultimate success of the show and for the pleasure and comfort of their guests. It was a great success in every particular and every one is singing the praises of the great Atlanta Show.

A visit to Kimballville, or the poultry farm of Farmer Bill Zimmer was a treat that I had long anticipated. After a ride of some twenty minutes in his elegant machine, we were ushered into the very midst of a collection of birds and animals that really amazed us. Pigeons, pigeons and pigeons; chickens, chickens and chickens, and fine Berkshires and Jerseys, and Collies and Airedales, and deer, foxes, wolves, wild cats, white rats, eagles, doves, coons, rabbits, squirrels, covies and all the balance of the four-footed, hairy tribe, rose up to meet us at every turn. Mr. Zimmer is a genuine lover of live stock and boasts of some of the best in the South. He is an enthusiast in the show business and contributed his part towards the success of the show, and in the contest was voted, by a large majority, the most popular poultryman present.

A trip to Judge Loring Brown's Belmont Farm at Smyrna, a beautiful suburb of Atlanta, was one of the treats of the trip. Judge Brown was at the show with the greatest number of birds and carried his share of the ribbons. He has an ideal poultry farm and is in love with his birds. He runs an extensive farm, raising all he feeds at home, and sells every year thousands of dollars worth of Jerseys, Berkshires and Irish potatoes. He has recently built a handsome brick residence that is a model for convenience. His business office is in the concrete basement, where are also his incubators. By the way, I learned one great secret of his success, and that was that he has a

beautiful daughter, who is a fine young business woman, and who attends to all his correspondence and looks after the business generally. Daughter does the work and daddy gets the credit. But when it comes to analyzing a bird, or any other kind of live stock, Judge Brown is on to his job. It is said that he is the best all-round judge of live stock in America, for he is equally at home in judging birds, cattle, hogs, horses or sheep. He, like Farmer Zimmer, is getting rid of all his live stock but chickens, and will confine himself to three breeds: Reds, Barred Rocks and White Leghorns. Mrs. Forbes, of New Decatur, Ala., and Will F. Fry, of Birmingham, both "cranks," will testify as to his birds.

I was particularly pleased with the simplicity and convenience of the arrangement of his poultry houses. Long rows of pens on either side of a six-foot aisle, and every pen full of a choice selection was a beautiful sight. These pens were so arranged that eggs could be taken from the nests, the dropping boards cleaned, birds fed and watered and turned out into the run without ever going inside the pen or opening the door. His feed bins are convenient, the choicest alfalfa hay of his own raising in arm's reach, on a wire-floored loft, and water pipes running from one end of the houses to the other. The ventilation is perfect and all houses are open front. It will well pay an amateur to go many miles to see and learn from this man what would take years to gain by experience. While these houses are models of convenience, they are also cheap, built frame like, with dirt floor and a shingle roof. I mean that such a structure is within the means of every well-to-do poultryman, and while he has houses that are plain and substantial, he has inside of them the best that money can buy and skill, experience and intelligence can produce. His birds were beautiful to behold. Three breeds—Reds, Rocks, Leghorns—were in the pink of condition and commanded the admiration of all present. His Rocks showed the true shape, size and barring; his Reds that rich mahogany, so hard for the inexperienced to produce, and the Leghorns that characteristic type of the beauty Mediterranean, with scarlet comb and snowy white coat that makes them a great favorite with so many. His birds have the stamina and vigor of farm-raised fowls and stamp it in their progeny.

One of the best eards at the show was dear old "Uncle Dudley." To know him is to love him and that's why everybody knows him. He and *The Georgian*, backed by Mr. D. C. Bacon and so ably assisted by Miss Hampton, the little "White Wyandotte," did invaluable work and deserve unstinted praise in their efforts towards making this one of the best shows ever seen in the South. *The Georgian's* artists and special reporters never lost an item of news nor a "snap shot" at anything that was worth printing. It was recognized as the *Georgian's* show, because she certainly did boost it and then back it. Every member of the Georgia Poultry Association likewise put his shoulder to the wheel and worked with an earnestness that would have made slim prospects a success.

The *Southern Fancier* with Bros. Reils, Smith, Murphy, Riey and Snooks at the helm, had a handsome booth, at which their friends were always welcome. These gentlemen did their part towards the success of the show, and gave the glad hand to all who were fortunate to come in contact with them. The most pleasant occasion of the week was the banquet tendered by *The Georgian* to the members of the Georgia Poultry Association and out-of-town exhibitors. Plates were laid for 100 guests. Will V. Zimmer, chairman of the executive committee of the poultry association and manager of the Kimball House, was master of ceremonies, and H. G. Hastings, president of the Georgia Poultry Association, presided at the festal board as toastmaster. Mr. R. H. Rowe, of *The Georgian*, made the address of welcome in behalf of the paper, and Mr. Zimmer responded for the association.

"The Poultry Press" was responded to by L. B. Audigier; "The Good Poultry Shows Do the Industry" by Dr. W. C. Cleckley of Augusta; "From the Ladies' Viewpoint" by Mrs. Florence W. Forbes of New Decatur, Ala.; "Poultry Show Reminiscences" by Judge Loring Brown; "Boys and Girls in Poultry" by Uncle Dudley; other speakers were C. A. Dobbs of Gainesville, C. O. Harwell, the able secretary

of the association, and Frank Hammond of *The Georgian*. It was indeed a royal good time the boys had.

On Saturday night a dinner was tendered to a few invited guests by the *Fancier* in the private banquet room of Mr. Zimmer, and there, over a good square meal, friends talked and discussed informally subjects for the "good of the order."

Mrs. Forbes, of New Decatur, Ala., one of the most successful lady exhibitors in the South, had a nice string of Leghorns. One of her prize winning White cockerels was christened "Uncle Dudley, Jr." He was a beauty and Mrs. Forbes is justly proud of him.

W. F. Fry, of Birmingham, one of the largest breeders of Orpingtons in the South, met some strong competition and captured some prize money also.

John F. Childress, of Sweetwater, Tenn., always shows at Atlanta and always wins the majority of firsts. John has been breeding prize winning White Leghorns so long that he has learned what the true Leghorn shape is, what the Stand-

ard requires, and knows exactly how to get it. He has blue ribbons from all the best shows in the prominent cities of the South and goes right on winning.

Mr. C. A. Dobbs, of Gainesville, had a grand string of Rhode Island Reds and White Orpingtons there. In addition to heavy winnings in these classes at this show, he was informed while in Atlanta by a telegram that he had cleaned up the boards at Spartanburg, S. C. But Dobbs always does that.

Mrs. L. L. Upson, of Athens, Ga., was there in person in charge of her exhibit of Buff, Black, and White Orpingtons. Her pen of White Orpingtons were of remarkably fine type and breed. Her second prize Philadelphia Black Orpington cockerel was also there with her.

The various exhibitors, when they went to their homes, carried a remembrance of one of the best shows ever held in the South. It exceeded the expectations of even the management and the influence of the show will be permanent, meaning millions to the poultry interests of this section.

Advantages and Disadvantages of Free Range

By M. K. BOYER, Hammonton, New Jersey

Written for *The Industrious Hen*:

FREE range has its merits and its demerits. To quickly grow young stock there is nothing better; for practical poultry farming—eggs and table poultry—it is not advisable. The young, growing chick, needs a variety of food and it requires exercise. When it can have a combination of both, the food is properly assimilated, and the seeds, the bugs and worms, and the tender grass found on the range grow bone, muscle and feathers. The little fellows are on a romp the live-long day, and at night their crops are packed hard with the variety they have gathered on their travels; the violent exercise quickly puts them to sleep, and nature gradually digests the food. The consequence is they

hatched and reared during summer. We saw July hatched Brahmas and even September hatched Cochins, and the latter as large as the former. We were then informed by the manager that all the Madison Square Garden winners were hatched in July. To the writer it was a revelation. Who ever before heard of hatching Asiatics during the hot months? Yet here we had the example. What was their secret, Shade and free range.

But when it comes to hens, we find that for successful egg farming, or market poultry, limited areas are more profitable. If the hens are provided with proper food and care, they will give larger egg yields when confined to runs than if running at large, and besides, there will be no danger of hidden nests and loss of eggs.

Experiments made with table poultry also strongly favor more or less confinement. If fed of meat-producing foods, the carcasses of yarded poultry are not only more attractive in appearance, but the flavor is superior. In free range poultry we find toughened sinews, meat more or less tough, and lacking in juiciness. It is for this reason that epicures prefer poultry from the yards of expert poultrymen rather than "country chickens," or "farm-raised" poultry.

Vermin Exterminator

Mites and lice are a constant bugaboo to the young poultryman and especially when hens are kept in confinement. For years I had my troubles in this line, until I learned by experience that it can be prevented, and without much labor. I keep my hens closely confined the year round, summer and winter, keeping 100 hens in a house 10x25 feet, and have no trouble to keep them free of lice and mites.

Twice a month I spray the roosts and dropping boards with kerosine oil, using a good spray pump. In each pen I dig a round hole in a place where the sun will shine into it several hours a day and keep the hole filled with sifted coal or wood ashes. About twice a week I sprinkle a little good insect powder in with the ashes. A twenty-five cent box will last a long time this way. If you will keep the ashes stirred up so that it makes a soft, mellow hole and locate it in a warm, sunny spot, the hens will dust regularly and you will have no lice worth mentioning. Try it and see if I am not right.—RALPH P. KNIGHT, Athens, Tenn.

For Fattening Poultry

Fattening poultry on food mixed or moistened with skim milk instead of water, produces whiter flesh and superior flavor. Skim milk alone is a highly nitrogenous food; the carbohydrates have been removed in the butter, so that it is not a complete diet for any animal. The fat of the cream, however, can be cheaply substituted with corn or cornmeal.

Hens need bulky food. Clover hay or alfalfa hay cut in half-inch lengths helps to make an ideal ration. If cooked and mixed with bran it makes an excellent breakfast. Clover and alfalfa not only promote digestion, but also largely assist in supplying the elements necessary for the albumen.



White Rock Hen. Winner of many prizes.

grow like weeds. Late-hatched chicks given free range, soon forge ahead of their older brothers that from the start have been kept in small, barren enclosures.

Some years ago the writer visited the famous Oakland Farm, Taunton, Mass., which at that time was the home for prize-winning Brahmas and Buff Cochins. To our surprise we learned that nearly all the birds on this farm were

How to Build a \$6.00 Colony House

By O. F. SAMPSON, Youngs, New York

Written for *The Industrious Hen*:

THE colony house season will soon be here, and manufacturers of these houses charge \$18.00 for a house no better than you can secure for \$6.00 or less, invested in two piano boxes and made yourself on plans given here. I have just finished one 6x7 feet on this plan, that, complete with roosts, nests and covering of 2-ply roof paper, will cost less than \$6.00. One coat of good paint can also be given, and the cost then will not be over \$6.50.



White Rock Pullet, winner of many first prizes. Bred and owned by Patterson Farm, Fitzgerald, Ga., who ship everything on approval.

It will hold from 40 to 50 growing chicks; and as it is matched, papered and painted, will be plenty warm enough to house from 12 to 15 matured birds for winter as a laying house. It is six feet high at ridge and about four and one-half feet high at sides and has 42 square feet space on floor. Anyone who has a saw, square, hammer and nails and lumber from the two piano boxes can make one of these houses in 10 to 15 hours, and get good pay for his labor. The only things he will need to buy aside from the boxes is the paper to cover the house, 2 pieces 2x6 scantling 8 feet long, and the glass window or muslin used.

HOW TO BUILD THE HOUSE EASILY.

If one is a carpenter, the task is very simple; but almost anyone can get a very creditable house from the boxes by following plans below. In the first place, the boxes themselves have your house well started, as you will note. as piano boxes are each 6x2½ feet on ground on end as they come, by placing them two feet apart and back to back, we have a house 6 feet x 2 feet (between boxes) 5 or 6x7 feet on ground.

Begin your house by taking off tops and backs of your boxes. In doing this, first take off all cleat over-boards carefully so as not to split your boards. Then begin at top front of your boxes (next the door of box in front, which take off) and take the boards off top of box one by one *after loosening all*. Do this carefully, and you won't break or split the tongues. Continue on down and take backs off both boxes. Now secure two pieces of 2x6, 8 feet

long and set your boxes on these so the pieces are under each ends of your boxes close to the end of box. Set boxes *back to back and two feet apart* on these skids and nail the boxes securely to skids with 20-penny nails.

You will now have an open house 6x7 feet; that is, your boxes are 6 feet long, and if placed backs together (after backs are off) *two feet apart*, it will be just seven feet from front of one box across to front of the other. You will also have two feet between boxes to put floor in, and for doorway, window etc. As soon as you have boxes securely nailed to skids, take some pieces of the cleats you have taken from boxes and nail across tops of both boxes at each end of your house, flush with top of your boxes, and clear across the box from where the opening in front was, in one to the other. See that the backs of your boxes are now just 2 feet apart at top, and nail these cleats fast, as a tie piece to keep the boxes together, stiffen your house and also to nail your upright piece on to fasten rafter for your roof.

You are then ready to fill in your floor. Use first bottom of any old boards handy, then over this lay a second floor of the matched stuff taken from your boxes. See that the boards match tight, and your floor is smooth and tight. You are now ready for your roof, and this is the most difficult part of the house, unless you are a carpenter.

HOW TO PUT ON ROOF AND FIX VENTILATION.

On each box in front and near top is an opening, and this is covered by a door with cleats made to come off in one whole piece. On one of your boxes take off these cleats, but securely nail the boards to your box. This will make the first "hip" of your roof from upper front to top of your box. *Don't nail any boards to top of either box*, you will have to make a ridge roof from this first hip up to ridge. To get the pitch of this roof, I used this plan: First, I found the center between my boxes, and by measuring found it came almost exactly in the center of the two foot space between them that I left on ends for a door and window, and when I put new floor in. Mark your center on each end on the tie pieces you nailed to top of your boxes. To this mark I nailed an upright piece of one of my cleats about 10 or 12 inches long securely to the tie piece on bottom end, and then, by laying a straight piece of edging from top of this upright piece to the top of my box at the top of the front where the hip of my roof would join. I got the length of my rafter for the upper roof, and also the "pitch" of my roof. I placed the edging half way across the top of my upright piece and marked the bevel for my rafter. By doing this for the 4 pieces (2 on each side at each end) you can get a good fit on your rafters, and when nailed in place, will have a solid tight foundation for your upper roof. When these rafters are made fast at both ends by 8-penny nails you can begin putting on roof boards. The boards from the backs and tops of your boxes now are used, taking care they are well matched together and nailed well to rafters. Instead of driving heavy nails down straight through your boards on roof, I advise using smaller nails (6-penny) and nail only through the tongue and groove at each end. I think carpenters call this "toe-nailing," and use it in putting on siding and nailing floors. By doing this way, smaller nails can be used, and no nail heads show. In putting on your roof, begin next to the door you nailed on front top of the box, and continue on over ridge of new roof to the front dip—or door of other box. Don't go down farther than this hip, because you want to use other door on hinges, for light and ventilation in warm weather. As your boards will all be right length, they need no sawing, and will soon be placed on readily. Next, fit your upper front of last box. This is both a front and roof, and should be put on with hinges so it will *swing up* in warm weather. If the edges of this door are beveled to fit box at bottom and roof at top, I would take off cleats and put them on *other side*. The object of this is you need them on your door to hold it solid together; but you want them on under side of it so they won't be in the way of your roof paper. Fasten your door at hip of roof with two or three good solid hinges. In the opening under your door you can cover with good muslin to keep hens in, and give good ventilation and light by leaving the door raised in warm weather.

When this completes your roof you should have plenty

lumber left to make a door in the 2-foot opening between your boxes at one end, and window at upper half of other end. Under your window seal with remaining boards, but leave a 8x10 opening for a runway for birds. You will have enough cleat left probably to "case up" your door and windows. You are now ready to paper and paint your house and put in roosts, etc., to suit yourself. Before papering, go over your whole house and securely nail with 3-penny nails all places in your boxes you haven't fixed, i. e., the bottoms, ends, and lower fronts. I left the corner and bottom cleats on my boxes to nail to. The only part left now is the open gable on each end of your house between the top of the boxes and the new roof you put on. I covered this with heavy burlap, but others can fix it to suit themselves. Either board it up, or cover with roof paper, etc.

If properly and carefully done, when complete, you will have a good matched house 6x7 feet that will compare more than favorably with the houses advertised at \$15.00 to \$18.00 or more, and you can hitch one horse to it and draw it anywhere you like. It will weigh, complete, from 400 to 500 pounds and if painted and kept papered, will last for years, be warm enough for winter, and has cost you for manufacturing less than half what houses of this kind ready built sell for. Various other ways can be used to build a colony house from 2 piano boxes, about 225 feet of lumber; and they will all be matched stuff. I consider it one of the cheapest ways to buy the lumber; and as your house is practically half built, all boards cut to fit, you have little loss from waste.

Feeding a Hen at Small Cost

Feeding a hen one whole year at a cost of only 50 cents seems rather strange at the present high prices of everything.



First R. I. Red Cockerel Dalton Poultry Show, 1909. First Cock great Atlanta Poultry Show, 1911.
Raised, owned and exhibited by Joe L. Wallace, Dalton, Ga.

But here is a correspondent writing in *Home and Farm*, who claims to have a method of accomplishing such a result.

"That incubators and brooders are necessary to the most economic production of chickens on a large scale will not be denied, and that the manipulation of these machines so as to produce the best results does not require any great degree of skill will not be gainsaid by anyone who has had any experience with them. The great question to be settled is: How to raise chickens and maintain them at a minimum of cost? Most of the experiment stations lay down a regular formula of ration composed of a great many things, most of these the ordinary chicken raiser cannot afford to buy, so necessity would dictate a cheaper method of feeding.

"The writer has had a considerable experience in raising

chickens and claims to have been successful from a financial standpoint. I always had a large, properly arranged house for my fowls, with suitable scratch-pen attached. The building was rat and mink-proof and I had plain nests that were always kept clean. My roost poles were low to the ground.

"Always kept a dust-box handy. The hen house was cleaned every day; and once a month, after closing doors and windows, it was smoked well with tobacco stalks and sulphur. Twice per month I had the house sprayed with a solution composed of equal parts of crude carbolic acid and kerosene oil. The scratch pen was only used in bad weather, the floor was kept covered with leaves and the grain was thrown into the leaves; it took considerable exercise in the way of scratching for the fowls to find it. As soon as a hen hatched, the nest was taken out of doors and scalded or burnt out.

"I had a large run for my fowls where they could catch plenty of bugs and worms, and trees to afford ample shade in summer. I kept the dropping board well covered with wood ashes all the time. Lice and mites seldom ever trouble me. I always bore in mind as regards these great enemies of the chicken and also as to all chicken diseases, an ounce of prevention is worth a pound of cure.

"Space forbids my giving in detail my way of feeding the little chicks until they are old enough to share their mother's food—but nothing new. Raising the chickens was a secondary matter, as I only raised enough to eat and perpetuate the breed, because egg production was the big thing in the business, so my energies were mainly directed to this department.

"Protein is the foundation of egg production and I found alfalfa would supply it at least expense. I had an acre seeded to alfalfa near my hen house. My chickens commenced to pick it in April and kept it up until November.

I had some cut and put away for winter, then had it cut up and fed dry to the fowls; they ate it readily. All my hens got in the way of feed after the alfalfa got high enough to afford good picking, was a little corn once per day; after ninety days the little chickens were fed twice per day on corn along with a little wheat or oats; they could pick up enough worms and bugs, so needed no meat scraps to balance their ration. My hens laid a great many eggs during the year, many more than they did before I provided the alfalfa and at much less cost. I also raised cabbage, sweet potatoes, sorghum seed and pumpkins and fed these along from November until spring, when the alfalfa came in.

"In winter I fed wheat and oats in the morning and corn at evening and gave them scraps of meat and ground bone. I never provided any grit, as they could pick it up at will. I kept clean, fresh water always in reach of my fowls and gave them all the buttermilk they would drink. I gave my chickens nothing that was not raised on the farm except ground bone. All

expenses considered, it did not cost me over fifty cents each to raise my fowls and not over that sum to maintain each hen a year. A good range and alfalfa are absolutely necessary to the production of the 50-cent hen."

I. K. Felch says the fancier and the poultryman are getting closer together. The latter now raises thoroughbreds and sells his best pullets to the fancier. In this way both wings of the poultry industry are able to flap together. But even if all the stock is to be for market purposes, it is more profitable to keep pure-bred stock than to have a lot of mongrels with all sorts of shapes, sizes, conditions, etc. There must be uniformity of stock as much as uniformity of methods.—M. K. Boyer, Hamonton, N. J.



DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

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Vol. 7

FEBRUARY, 1911

No. 9

A Big Number

THIS number of THE INDUSTRIOUS HEN is probably the largest in its history, and carries advertising for some of the largest poultry plants in the United States. We seldom desire to "toot our own horn," and are not doing so this time, but we point with pride to our increase in advertising and subscriptions during the past year, and we believe it presages still greater achievements for us. Our readers, by their interest in the poultry industry, have made this big number possible, and to each and every one we wish to extend our thanks.

Voted the Official Organ

JUST as we go to press, we are advised that the International Ancona Club, of which Mr. H. C. Sheppard, of Berea, Ohio, is president, and Mr. W. P. McNary, of Bannock, Ohio, is secretary, at its annual meeting held with the recent Cleveland show, with the largest membership present in the history of the club, unanimously voted THE INDUSTRIOUS HEN the official organ. This distinction at the hands of these gentlemen is one which we greatly appreciate, and one which we hope to be able to merit and reciprocate in the future.

The International Ancona Club was organized about two years ago, and has since developed into one of the liveliest organizations in the country, having a large membership in every State of the union, as well as Canada, Cuba, and Mexico. THE INDUSTRIOUS HEN will, in the near future, publish an Ancona supplement, with a view of further spreading the fame of the celebrated Mottled Ancona. As a breed, the fowl stands in the front rank, and since its introduction into the United States a few years ago from England, its rapid stride into popular favor has been so remarkable that it presages still further conquests.

By special arrangement with the club we will accept applications for membership, which entitles you to all the club benefits in the way of specials and literature, for one dollar, and which, at the same time, entitles you to THE INDUSTRIOUS HEN for one year.

The State Poultry Appropriation

RIGHT now, while the Legislature is in session, the question of State appropriation for the benefit of the poultry industry in Tennessee is being agitated, with the reasonable assurance that members of the Legislature are in full sympathy with the movement, and well they may be. In New York, Illinois, Ohio, Kansas, Missouri and other States, annual appropriations are made for this work and the results are marvelous. Farmers are eliminating the common mongrel and barnyard fowl and supplanting them with thoroughbred fowls, having superior qualities in point of egg production, vigor, growth and size.

The Tennessee Poultry Association, which is composed of members from all over the State, was organized to promote plans for the encouragement of this idea, and as we understand it, "the betterment of the poultry industry in the State of Tennessee, and to encourage the farmers and all others interested to raise a better grade of poultry and more of it."

In the matter of this appropriation, however, there is an effort being made by a few to center whatever appropriation is made for this purpose on the State Fair at Nashville, and to give this further emphasis and color, it is reported that the Tennessee State Fair has been made the official show of the Tennessee Poultry Association. The latter statement is all right on its face. But the poultrymen of the State do not want such appropriation as might be made a part and parcel of the Tennessee State Fair held annually at Nashville, and utterly ignore the annual poultry shows held at Memphis, Chattanooga, Knoxville, Bristol, Lebanon and other Tennessee towns. If the State Fair was made the official show of the Tennessee Poultry Association, as it is reported, it was not authorized by the membership, nor was it discussed at the time the Association was organized. The rank and file of the membership are opposed to boosting any particular show, but want to boost all of them.

The arguments advanced by Mr. E. L. Doak, who was elected president of the State Association at the time of its organization, in his circular letter addressed to the poultrymen of the State, urging that they unite in petitioning the Legislature for this appropriation, are good and timely. Certainly no loyal Tennessean will fail to support a bill calling for a reasonable amount for this work. Certainly we are not content to sit with folded arms and let other States forge to the front as poultry producing States when we have more natural advantages.

Readers of this journal are familiar with our views as expressed many times on this subject. We have frequently urged the appropriation of money by the legislature for the encouragement and support of the poultry industry in the State, but it was for the whole State, and not for any one section. We especially commend the plan as adopted by the East Tennessee Poultry Association at its last meeting. It is a plan that will be beneficial to every poultryman in the State. This plan is also endorsed by the Tennessee State Branch of the American Poultry Association.

Missouri has an appropriation which is made for the benefit of the poultrymen in the entire State. A portion of the fund is used for experimental purposes, while a like amount is used for the benefit of the shows. But the State show, to whom this appropriation goes, is not held in one particular place to be governed and run by a "clique," each year, but in various parts of the State. For instance, one year the State show will be held at St. Louis; the next in Kansas City, to be followed by Sedalia, Jefferson City and all down the line to the smallest cities where a permanent organization exists.

We are in favor of the Legislature of Tennessee making a pattern of the law governing the poultry appropriation in Missouri. It will serve to stimulate the business and cause the organization of associations where none now are, and the re-organization of those which have ceased to exist. Thus the whole State will be benefited. Every poultryman within the confines of the State of Tennessee knows, notwithstanding the immense good our State Fair at Nashville is accomplishing, that if any appropriation is made at all, it should be made for the benefit of the whole State. West and East Tennessee should be taken into equal consideration with Middle when it comes to appropriating money from the State's treasury for the public good. And we most respectfully call upon all associations to memorialize the Legislature along this line, **and to do it now.**

Your advertisement should be continually in THE INDUSTRIOUS HEN from the present time on if you wish to get your share of trade.—E. G. WARDIN.

Memorializes the Legislature

ON JANUARY 20th, the annual meeting of the East Tennessee Poultry Association met in the Board of Trade rooms at Knoxville, and elected officers for the year 1911. Mr. C. W. Henderson, who has been a moving spirit in the Association during the year 1910, was re-elected as president, and Mr. Jno. E. Jennings, the very capable secretary, was re-elected. The old Executive Committee was re-elected to serve again during the coming year.

Mr. Thos. E. McLean, second vice-president of the Tennessee State Branch of the American Poultry Association, an active member of the East Tennessee Association, was present, and called attention to the effort now being made by two or three individuals to center whatever appropriation is made for poultry husbandry in Tennessee on the State Fair at Nashville. A committee was appointed to memorialize the Legislature, extracts of which were as follows:

"That for and in consideration of the immense volume of business, commercial and otherwise—the poultry business growing to very noticeable commercial proportions, and yet not even commencing to develop as it should; that in order that the business (which, by the way, is the State's) may be more intelligently followed out along educational lines; that we ask for an appropriation of \$3,000 per annum to be equally divided between the three sub-divisions of the State, to be used as premiums and for holding poultry institutes for the benefit of the people who are not financially able to own big farms, along lines of proper breeding and caretaking of poultry.

"Having a reasonably good assurance that members of the Legislature are in full sympathy with any movement to further the industrial and commercial welfare of the State; and, with this in view and hoping to acquire the cordial co-operation of other associations and of such additional as may have since organized, we memorialize our Representatives to give this important matter due consideration.

"However, we would call attention to what might prove a great drawback to the interest of East Tennessee and to West Tennessee, if it should be decided to place such appropriation as might be made with and as part and parcel of the Tennessee State Fair, held annually at Nashville. In other words, the appropriation should be specifically made to apply to the three sub-divisions of the State; and even further, that the sub-divisions thus made of the State be still further sub-divided to apply as Secretary of the State Poultry Board, who should be appointed by the Governor, saw proper in poultry shows; and in holding poultry institutes in different counties and under the auspices of bonifide associations now in existence, or which may hereafter be organized, to promote the poultry interest of the State.

"While not wishing to appear at all selfish in the matter of appropriation, nor to discredit the immense good accomplished by our State Fair at Nashville; we, of the East Tennessee Poultry Association, do insist that the interest of East Tennessee, as well as that of any other section of the State, be not overlooked and be fairly dealt with."

This plan was adopted unanimously and the committee, of which Mr. C. W. Henderson, of Knoxville, is chairman, desires that all associations and others interested, confer with its chairman, or with Mr. McLean, also of Knoxville, chairman of the legislative committee of the Tennessee State Branch of the American Poultry Association. It was the sense of the committee that a bill drawn along this line was far more to be desired by the poultrymen of the State, than one which favored a certain section, and which was discriminating to all other sections of Tennessee.

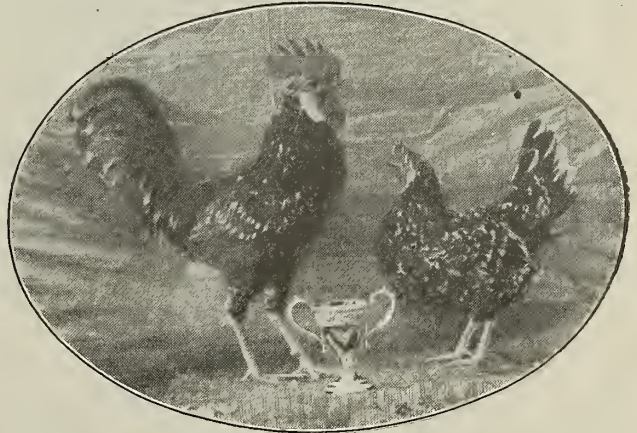
It is a sad commentary on a man's humane ideas to compel a flock of poultry to roost for a week in an odor-laden atmosphere of droppings accumulated during the period. You may strew ashes, road dust, land plaster or what not over the bed of filth each morning, but the odor will grow stronger and stronger. Then when the weekly cleaning takes place it is not necessary to go inside the house to know what is going on; the fact is smellable some distance off. This odor finds its way into every crack and crevice in the house.

Poultrymen of North and South Carolina

Athens, Tenn., Jan. 17, 1911.

The Industrious Hen, Knoxville, Tenn.

I have just returned from a most pleasant visit to the poultrymen of western South and North Carolina. On Jan. 10 to 12, in connection with Judge Geo. O. Brown, of Baltimore, I judged the poultry show at Spartanburg, S. C. It was a score card show. There I found what was no doubt the largest and best display of poultry ever made in the state of South Carolina. All the leading classes were represented and full, and I scored 106 Buff Rocks, 81 White Leghorns and 42 Barred Rocks. The White Leghorns were the best lot I ever scored. It took a 95½ point bird to get a fifth place, 96½ winning first. The Barred Rocks were extra fine, some scoring as high as 94½ points. Rhode Island Reds were a large class and quality fine. At this show I



PAIR OF MOTTLLED ANCONAS

First cockerel and first pullet at Asheville, also first cockerel and third pullet at Chattanooga. Bred and owned by L. M. Barrett, Morristown, Tenn.

had the pleasure of seeing the largest display of the popular Silver Laced Wyandottes that I have ever seen at any show in the past ten years. All portions of South and North Carolina, as well as other States were represented among the exhibitors. The officers of the Spartanburg Association are certainly to be congratulated on getting up such a splendid exhibit.

From Spartanburg I went to Forest City, N. C., which is only 28 miles north of Spartanburg, on the Clinchfield & Ohio Railway, also on a branch of the Southern Railway. As this was a small place, and it was their first show, I was not expecting to see much in numbers or quality. When I arrived there I found the show in charge of Mr. C. V. Fowles, who formerly resided in New York State, but now is editor of the paper at that place, and who, I found, was an old hand in the show room. He was ably assisted by such old-timers as Harold Bros., of Ellenboro. I found a fine exhibit of high-class birds, well cooped and nicely arranged, all ready for me to go to work on. At this show, in addition to Rhode Island Reds, Orpingtons, Rocks, Wyandottes, Leghorns, etc., I found many of the old classes represented, such as Silver Gray Dorkings, Blue Andalusians and White Faced Black Spanish. As it was their first show, I noticed that the citizens of Forest City took great interest in it, many of the business men attending and I heard many say, "well, I am going to have some pure-bred chickens next year." Of all the first shows I ever attended, I can safely award the first prize to Forest City.

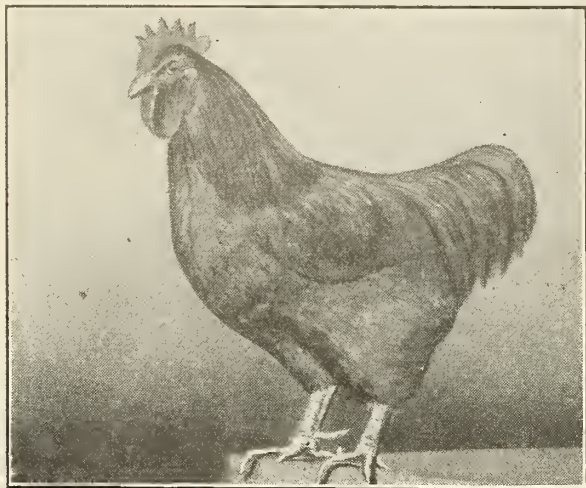
While in this section of the South and North Carolina, I talked and worked constantly for the Appalachian Exposition, and I have the promise of the poultry breeders of that section that they will send a large exhibit next fall.

I want to say now to the breeders of East Tennessee and other sections; when you go against the breeders of western North and South Carolina and their birds, you must have good stock, if you get a place. Now, just remember this and get ready for next Appalachian Show with your best. I have given the breeders of the Carolinas no "taffy" in this short article. I have simply stated facts. If anyone thinks the poultry industry of that section is in its infancy, let him go there and be convinced otherwise. They are making big money out of poultry in that section.—D. M. OWEN, Athens, Tenn.

Feeds Well, But Egg Basket Empty

The Industrious Hen, Knoxville, Tenn.:

I have a flock of 40 yearling Single Comb White Leghorns which have warm, up-to-date houses, have plenty scratching feed, are well fed, but not over fat; their feed consisting of wheat, oats, corn and a dry mash four times a week of green bone, bran and a small part of oil meal and of



Extra fine S. C. Buff Orpington cock, at the head of best pen in the yards of B. S. Horne, Keswick, Va.

about one ounce of bone to the hen. I have no results whatever yet in egg production, although 80 per cent of these hens are through moulting. Have been feeding the green bone for five weeks. Please tell me why I get no eggs, and how long green bone should be fed before some benefit is derived. My hens were purchased from an egg-laying strain. Also please tell me if a yearling hen moults yellow and creamy feathers. Will they ever be white, and are they considered first-class White Leghorns?—SUBSCRIBER, Virginia.

Answered by J. A. Thornhill, Hartselle, Ala.

It is not possible to give any exact rule for feeding winter layers. What will suit them one time, will fail to do so another. I think from your letter that you are feeding a suitable ration. A mixture of cracked corn, wheat and oats in the morning; green food and a little meat food at noon, and either a scratch ration or mixture at night, or a mash composed of equal parts corn meal, ground oats, middlings and about ten per cent beef scraps, with sufficient green food to give it bulk, will make a balanced ration for egg production. Your fowls may be crowded too much. I'd make no change in my feeding. Keep your birds healthy and they will get down to business in a few more days. It generally requires several months after moulting for hens to commence laying. Beef scraps and green bone will first show results in a flushed comb in from two to five weeks, and in egg production in about eight to ten weeks after moulting. Keep your birds well exercised, give them plenty of fresh water, grit and oyster shells. If possible, allow them free range for several days.

In answer to the last part of your query, yearling birds of all light breeds will show yellow and creamy white feathers, but they are to be guarded against. If for personal use, they are useful; but shouldn't be used for breeders. The older your White Leghorn hens get, the more off-colored feathers they will show. From a fancier's standpoint of white breeds, such off-colors would discard the birds.

How to Raise Chicks

Those who hatch chicks with incubators must necessarily use brooders, says a writer in *Farm Life*. Some brooders are good and some are the exact opposite. A great deal depends upon the operator, however. Even the best of brooders will not prove satisfactory when improperly managed. All brooders need protection. Of course, an outdoor brooder is intended to be placed out of doors. This is sometimes done even in winter, and the brooder doesn't suffer at all. But how about the chicks? They need ex-

ercise and fresh air. How are they to get either in cold weather if the brooder has no protection.

All brooders should be placed under a roof. If one expects to raise early chicks, a good, comfortable house is necessary. In fact, a brooder-house is as necessary as the brooder itself. Even in mild weather a large number of chicks cannot be managed successfully without some sort of building. Coops will not fill the bill.

Place the brooders where they are intended to stand, before operations begin. Have them properly heated and the floors covered with heavy paper before the chicks are put in. The papers should be taken out, burned, and replaced by fresh ones frequently. Cut clover or straw should be spread over the paper. Don't use sawdust. The chicks are liable to eat it, with disastrous results.

Don't feed young chicks anything for at least twenty-four hours after they are hatched. Better wait thirty-six hours before feeding. But they should have all the tepid water they will drink, right from the start. Cold water will cause bowel disease in young chicks.

Norwich Automatic Exerciser and Feeders

Among the many new advertisers who are coming to us each month, we are pleased to call the attention of our readers to the ad for the River Home Poultry Yards, of Perrysburg, and Toledo, O. This plant ranks among the leaders in breeding high grade Light Brahmas and Barred Plymouth Rocks, and is under the capable management of Mr. Frank J. Stamm, who is recognized as an expert in handling these two grand breeds. The farm is situated on the banks of the Maumee River, which, at this point, are about seventy feet high, and which gives them splendid drainage, keeping the yards dry and in good condition the year around.

They report that their stock this year is the highest grade they have ever produced, and they are now in shape to fill orders for birds of exceptionally high quality. They have also entered the baby chick branch of the business, and can fill orders for baby chicks of either variety.

The River Home Poultry Yards are the General Distributors for the Norwich Automatic Exerciser and Feeders in the Central West. Their business, in connection with this Automatic Feeder has grown at such a rate, that they have been forced to open an office in Toledo, Ohio. They have been ordering the Norwich Automatic Feeders shipped from the factory in car-load lots, but in January they doubled up, and are now unloading two car-loads at their big warehouse at once.

The Norwich Automatic Exerciser and Feeder has captured the poultryman body and soul, and after he sees one



Norwich Exerciser and Feeders in practical operation

in operation, there is no rest until he has installed them. The reason for this is that they are so simple and are practical. Our readers will do well to look up their ad which starts in this issue, and write for their booklet describing the Norwich Automatic Exerciser and Feeder.

A FEW MORE DAYS BEFORE THE RATE GOES UP

Get your Advertising Contract to us before the rate GOES UP. Positively on March 1st the Advertising Rates in **The Industrious Hen** will be advanced from \$1.26 to \$1.50 an inch a month.

? REASONS WHY ?

You Should Belong to **THE INDUSTRIOUS HEN'S** Great Army of Satisfied Advertisers

¶ **BECAUSE** the South is fast becoming the Nation's richest poultry section. ¶ **BECAUSE** thousands of Southern readers scan our pages for bargains, for we carry more of them. ¶ **BECAUSE** it is published in the heart of the Middle South, the "Thrift Zone" of the United States, and "Lays all over the South." ¶ **BECAUSE** eighty per cent of its readers live in rural homes and are improving their flocks by buying stock and eggs. ¶ **BECAUSE** you advertisers, who are searching out the line of Least Resistance; who want to make each dollar of your advertising investment earn maximum results, can find ready sales. ¶ **BECAUSE** **The Industrious Hen** is read by more Southern people than any other poultry journal published and is the logical candidate for your advertising.

We invite you to take advantage of these facts and to send us your biggest and best copy. The March, April and May issues will be the largest and best numbers in the history of **THE INDUSTRIOUS HEN**. Do not take any chances. Start your copy in our direction to-day.

FACTS ARE WHAT YOU WANT

NOW—in the face of these facts which we have adduced, how can any poultryman who has stock and eggs to sell, justify his neglect of this market on rational grounds? **FACTS ARE WHAT YOU WANT**, and anyone conversant with the poultry situation in the South knows that **THE INDUSTRIOUS HEN** offers you the surest opportunity for sales and the most chances of sales of any poultry journal published in this great Poultry Section. ¶ Take advantage of this rare opportunity now—before the rate goes up. We will accept advertising at the regular rate of \$1.26 an inch a month for any time after March 1st, if contract is made prior to that date. Contract blanks furnished on application to

The INDUSTRIOUS HEN CO., Knoxville, Tenn.

"DAUNTLESS"1st Prize Cockerel
at Louisville**Barred Plymouth Rocks****POPE STRAIN**

Winners at Louisville, Frankfort, Owensboro and Kentucky State Fair. 1st Cock, 1st Cockerel, 1st Pullet, Frankfort, September, 1909. 1st Hen, 1st Pullet, 2nd Cockerel, 3rd Cock, 3rd Cockerel, 3rd Pullet, **cash prize for best Barred Plymouth Rocks, Kentucky State Fair, September, 1909.** 1st Pullet, 1st Hen, 2nd Hen, 3rd Cock, 3rd Cockerel, 4th Cockerel, 4th Hen, 4th Pullet, **special for best shaped female, silver cup for best Barred Plymouth Rocks, Louisville Poultry Show, December, 1909.** Kentucky State Fair, September, 1910, 1st Pullet, 2nd Pullet, 2nd Cock, 2nd Hen, 3rd Cockerel, **cash prize for best Barred Plymouth Rocks.** All firsts Owensboro, October, 1909. Investigate our other winnings and our fine Big Rocks.

EGGS

\$2.00 per 15
\$3.75 per 30
\$5.00 per 50
\$9.00 per 100

Prize Matings
\$3.00 per 15

Twenty Mated Pens for 1911

You don't have to pay two prices for our large, vigorous Rocks. We give more value for your money than any breeders in America. Our twenty mated pens contain all

prize winners of the shows at which we have exhibited. They have been mated up carefully and we supply eggs from cockerel or pullet bred pens, as desired. Each winning male heads one pen. Twenty years of successful line breeding on admittedly the greatest Barred Rock farm in the country enables us to supply "quality" in eggs no small breeder can possibly do. Get our catalog—get others—see the difference. Write us before placing order.

Send for Catalog No. 7, and mating list of our twenty mated pens.

POPE & POPE, (Established 1891) Box H, LOUISVILLE, KY.



All steel, nickel plated; punches clean, hole is right size; will not bruise the foot. Price 25c at your dealers, or from
J. O. PETTEY, Box 155, Belvidere, Illinois.

BANTAMS BUFF COCHIN and GOLDEN SEABRIGHT
93 ribbons on 98 entries for 1909 and 1910 at Nashville, Memphis, Birmingham, St. Louis and Kansas City. Eggs—\$2.00 per 15.
LEWIS CULPS, Pulaski, Tenn.

EGGS**\$3.00 Per 15**

FREE circulars on Matings and Show Record. 500 regular and special premiums, including many silver cups, in six years is my record on

Brown Leghorns

E. E. CARTER
KNOXVILLE, TENN.

Dept. I. H. 967 BROADWAY

Breeding Stock and Breeding Method

The Newtown Producing Co., Newtown, Pa., send us the following description of their breeding stock and method of breeding, which will no doubt interest our readers:

"Our breeding stock is housed in certain front houses where the birds have plenty of scratching room on the floor, and for winter time a light dust bath. Large yards are connected with these pens and are alternately sown with clover and oats, which keeps before the birds continually during the milder months a supply of fresh green food.

"We feed the best of cracked grains in a litter, having before the birds plenty of mineral and animal food at all times, with large sanitary fountains of fresh water, which are frequently filled. Our eggs run exceptionally high in fertility and of very uniform size, and it is not uncommon to take a dozen eggs from the basket just as they run and have them weigh 28 to 30 ounces, occasionally 32 ounces. It is our custom to incubate all eggs as soon after they are laid as possible, and in supplying eggs to our customers take special pains to see that they get but the freshest. The breeding stock is quartered in pens ranging from three birds to six hundred birds each. For our utility flocks the larger matings prove of greater fertility than the small flocks with but one male bird. The large laying house which we completed in the fall of 1909 has proved wonderfully successful. It is indeed unique, and the egg yield that we are having from the flocks housed in it is even greater than we had anticipated.

"We employ the method of line breeding, in which we know when mating our birds just what the results will be. We have no time for the haphazard methods of many breeders of mating together birds which strike their eye and running the chance of getting good

S. C. BUFF LEGHORNS

Eggs, layers, breeders, winners
P. M. BROWN : : Paducah, Ky.

STORRIE'S BUFF ROCKS

Can furnish show and egg record. Eggs for hatching a specialty. Write me.
JOHN STORRIE, North Lawrence, Ohio

R. C. RHODE ISLAND REDS S. C. WHITE LEGHORNS

Eggs, \$1.50 per 15.
MRS. A. J. GAINES, Route 1, Coldwater, Miss.

Fawn and White Indian Runner Ducks

Winners Indiana State Fair, 1910. Eggs, \$2 and \$1 per 12. **White Rocks, R. C. Rhode Island Reds, S. C. Buff Orpingtons.** Best matings. Eggs—\$15 for \$1. **MRS. FRANK YATES, Lebanon, Ind.**

BROWN LEGHORNS**SINGLE COMB**

Winners at every show exhibited at this year. Facts prove quality. All firsts taken at Lynchburg Fair. 1st cockerel, 1st and 2d pullet, 1st hen, Bristol, Tenn. 1st and 2d cockerel, 3d and 4th pullets, Richmond, Va. 1st and 2d pullet, 2d hen, 2d and 4th cockerel, Abingdon, Va. Also 3d cockerel and 4th hen at Baltimore. Eggs from these excellent birds only \$2.00 per 15.

H. C. ADAMS, Lynchburg, Va.

WHITE ORPINGTONS

Winner at Kansas City, the largest W. O. show ever held in America.

Winners at Kansas City, Memphis, Birmingham, Jackson, Pine Bluff and other large shows. 20 acre farm, complete in every detail, devoted to perfecting this one variety. You can profit by the hundreds of dollars we have expended improving our strain, at prices no higher than the small breeder asks. Write your wants. Eggs and Baby Chicks.

STREET & BISHOP
R.F.D. Box 113, COLUMBUS, MISS.

offspring. We breed with positive methods. A strain of birds cannot be produced in a single year; it takes consistent and intelligent work, and above all, persistence.

"The breeding stock is selected early in the season when the birds are but partially grown. The first point we look for is vitality, nothing but a strong specimen being put in the breeding pen, no matter how great his exhibition qualities may be. Size is one of the major points, as our birds are all that long-bodied type, well up on the leg, well-rounded breast and long keel, which means eggs. We invite comparison of color of our birds with that of other breeders."

Best in Twelve Years

Mr. E. G. Wardin, of Charlotte, in writing us in regard to the recent show held there says:

"The fourteenth annual exhibition of the above association just closed, was one long to be remembered. Having been a member of the association for the past twelve years and never having failed to be present but once in all that time (and then kept away by sickness), I believe it was the best ever pulled off. The association has held larger shows as far as the number of birds go to make a show, but this was the finest display as to quality and variety ever held. There were no very large classes in any one variety, but there was enough in the leading varieties to make a very fine display, and the quality was so far above the average that the competition was of the keenest."

We are also indebted to Mr. Wardin for a report of the winnings of the show, but had previously received one from Mr. O. T. Hallman.

Quality S. C. White Leghorns

It would be a hard matter for the writer to give the readers of THE INDUSTRIOUS HEN a more creditable recommendation than the many customers to whom Mr. S. F. Shallcross, Odesa, Delaware, has sold S. C. White Leghorns, both for stock and eggs for setting. There is not another breeder who is more particular about the breeding stock than Mr. Shallcross, as they must be in the pink of health; they must be the best of layers, and they must have his idea of shape, or they go to the market. See his ad in this issue.

Moved His Flock

P. M. Brown, the well-known Buff Leghorn breeder of St. Matthews, Ky., has moved his entire flock and outfit to Paducah, Ky. Mr. Brown states that he has a number of superb matings of his famous "Golden Beauties" and will be pleased to hear from his many friends and past patrons at his new address.



S. C. Black and White MINORCAS

EGGS REASONABLY PRICED AT \$3.00 PER 15, \$5.00 PER 30.

My birds have "Quality" stamped all over them. My winnings at the Tennessee State Fair, Appalachian Exposition and Lebanon, where I won more blue ribbons than all competitors combined, amply demonstrate this fact. Cockerels and pullets for sale. If you want the best, write MRS. JNO. M. GRISSIM, Proprietor,

DRY BRANCH POULTRY FARM, Route 2, Lebanon, Tennessee

You Are Making Money

every day when using Pratts Poultry Regulator. It will make your hens lay eggs in this short season when eggs mean money. It keeps fowls in prime condition the year round.

Pratts Poultry Regulator

not only is a remedy for sick hens but it also prevents sickness. It keeps the birds in prime condition and will positively increase their earning power. It is a sure investment and the best insurance against loss. It is

Guaranteed or Money Back

Try Pratts Poultry Regulator at our risk—give it a hard test on all or part of your flock and note the improvement. If not more than satisfied, your dealer will refund all you have spent without question.

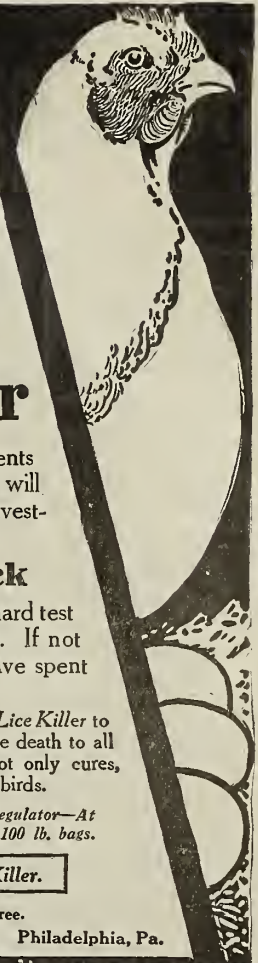
Wise Poultrymen all over the country use *Pratts Powdered Lice Killer* to protect their birds from the ravages of lice. It is guaranteed sure death to all vermin and will save you many dollars. *Pratts Roup Cure*, not only cures, but prevents roup, when mixed in the drinking water of all the birds.

Don't delay—today is a good time to start using Pratts Poultry Regulator—At all dealers. 25 lb. pail \$2.50—sold also in smaller packages and 100 lb. bags.

Spray the Chicken house with Pratts Liquid Lice Killer.

Write for your copy of POULTRY WRINKLES. It is Free.

PRATT FOOD CO., Dept. 17 Philadelphia, Pa.



S. C. White Leghorn Eggs Only

Satisfaction guaranteed or your money will be refunded. Birds scored by Savage from 93 to 94. MET L. WILBOURNE, Pine Bluff, Ark.

Houdan and S. C. R. I. Red

Eggs, \$1.50 per setting of 15. Satisfaction guaranteed. F. R. VALE, E2, Dyesville, Ohio, Member Crested Fowl Breeders Association of America.

ORPINGTON MAGAZINE

Get this magazine before you start with Orpingtons. Sample copy free.

MILTON BROWN, Sta. L, Cincinnati, O.

PARKER'S REDS

ROSE AND SINGLE COMB. Single Combs, Tompkins' Strain; Rose Combs, Tuttle's Strain. Extra fine pullets and cockerels for sale at reasonable prices. B. D. PARKER, Sanders, Ky.

CRYSTAL WHITE ORPINGTONS

Kellerstrass Strain. Limited number utility cocks and cockerels \$5.00; pullets, \$3.00. Eggs from blue ribbon winners, fall 1910, at \$5.00 for 15. Considering quality, prices named are reasonable. C. F. MORGAN, Ripley, Miss.

75c Pays for one year's subscription to *The Industrious Hen* and a copy of "Hen and Chicks," or How to Make Money Raising Poultry, a 300-page illustrated book on poultry.



IDEAL ALUMINUM LEG BAND

To Mark Chickens CHEAPEST AND BEST 12 for 15c; 25-25c; 50-40c; 100-75c. Sample Band Mailed for 2c Stamp. Frank Myers, Mfr. Box 50, Freeport, Ill.



POULTRY ONE FULL BALE

150 Feet Long for 75c Galvanized Poultry Netting WRITE FOR CIRCULARS.

NETTING DOW WIRE & IRON WORKS, Louisville, Ky.

HEADQUARTERS FOR POULTRYMEN Hotel Imperial

Knoxville's Most Modern and Up-to-date Hotel

LONG DISTANCE PHONES IN EVERY ROOM

Rates: \$2.50 and up Rooms with Bath, \$3.50 and \$4.00 Per Day

AMERICAN PLAN

Buff Leghorn Club Meeting

The annual meeting of the above club was held at the Coliseum, Chicago, Dec. 9, 1910, and was presided over by President F. A. Tecktonius. Several important matters came before the club, and it was decided to offer ribbons to each and every show next season, also a silver set to all shows where four members of good standing will show a full string of Buff Leghorns. The following officers were elected: F. A. Tecktonius, Racine, Wis., president; Geo. S. Barnes, Battle Creek, Mich., secretary-treasurer. Executive committee—W. W. Storms, Racine, Wis.; Thomas Peér, Caldwell, N. J.; Wm. Ewald, Jr., Medica, N. Y.

The vice-presidents for the Southern states are: Mrs. Fay Bell, Denison, Texas; M. L. Isbell, Bearden, and Alfred Wiley, Jr., Star City, Ark.; E. L. Wilson, Columbia, Tenn.; Walter L. Honaker, Lexington, Ky.; Mrs. C. B. Campbell, Asheville, N. C.; A. A. Brown, Atlanta, Ga.; F. Kremer, Manchester, Okla.; J. S. Wing, Spartanburg, S. C.; Robt. P. Adams, Lynchburg, and A. C. Franklin, Townsend, Va.; Birney Guthrie, New Orleans, La.; C. H. Ferrin, Lake City, Fla.

A Correction

On our report of the winnings at the Asheville show we failed to mention the winnings of the Sunny Slope Poultry Yards, of Asheville. They made a clean sweep on young stock in the White Orpington class, winning 1st, 2d, 3d and 4th pullet, and 1st, 2d, 3d and 4th cockerel.

**EADY'S Single Comb****Rhode Island REDS**

Winners again at Big Alabama State Fair. We won 1st, 2d and 5th cock; 2d cockerel, 2d and 5th hen, 1st and 5th pen, cup for best cock. We have won 1st pen at the Alabama State Fair, Birmingham, for three years in succession in a hot class, and mixed the other winnings up well. We have won 63 ribbons in the last three years. Among these winnings there were 17 blue ribbons. We still have some utility and show stock for sale. Get our prices before you buy. Pens were mated January 1st, and eggs now for sale from \$2.00 to \$5.00 per setting of 15.

We are breeders of pedigreed **Scotch Collie Dogs**. If you need a Collie, write for prices. Young and matured stock for sale at any season of the year.

C. W. EADY Guntersville, Ala.

White Wyandottes Only

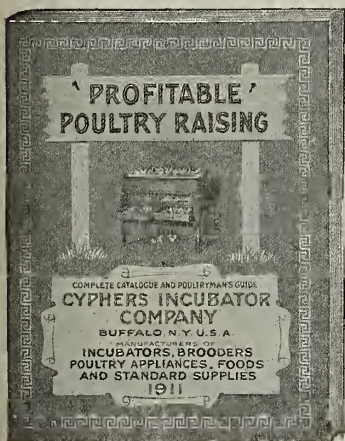
Raised on an 80-acre farm, vigorous and healthy. **Prize Winners in Three States.** Stock all sold. Am booking egg orders from Blue Ribbon pen in which every hen is a prize winner, \$3.00 per 15; other pens, \$5.00 per 100. Shipments to begin Feb. 15. Satisfaction guaranteed.

L. E. WHITSITT : : Route 2, Austin, Ind.

AUSTIN PAYS THE EXPRESS

Eggs for hatching from my best pens of Range-Raised S. C. R. I. Reds \$3 per setting of 15; \$5 for two settings of 30 if both settings are ordered at the same time. I prepay the express to your nearest railroad station. My Reds are better this year than ever before. Try a setting or two. I breed the finest M. B. Turkeys, but will have no eggs for sale this season. **J. A. AUSTIN, Reagan, Tenn.**

Let Us Send You Our Big Free Book About a Billion Dollar Poultry Industry



Free postpaid to any address if you mention this paper.

WE want to send you *free and postpaid*, the Cyphers Company's great 1911 Year Book—just off the press—more complete than ever. Write for it *now*. It tells about America's Billion Dollar Industry and about *Successful Poultry Raising*.

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Now, while you think about it—Fill this out and mail to the
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Barred Plymouth Rocks Exclusively

G. L. WALKER

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Madisonville, Tenn.

LaFollett's Weekly MAGAZINE

and *The Industrious Hen*, both one year, and a copy of "Hen and Chicks" for \$1.25. Send orders to THE INDUSTRIOUS HEN, Knoxville, Tenn.

Parrish Strain COLUMBIAN WYANDOTTES

The past season I furnished birds that won the blue in New York, Indiana, Illinois, Massachusetts, Ohio, Pennsylvania, Missouri, Washington, Iowa, Arizona and nearly every State south of the Ohio river. At the Tennessee State Fair show, September, 1910, which was pronounced the largest as well as of the highest quality in its history, in an extra strong class of Columbian Wyandottes, I won first pen; first cock; first and second hen; first, second and third cockerel; first, second, third, fourth and fifth pullet.

If you want a show bird or breeders, you can do better here than elsewhere.

Write for catalogue.

T. REID PARRISH

LICENSED JUDGE

North Sta. Nashville, Tenn.

DENNIE'S "QUALITY" BUFF ORPINGTONS

WILL PLEASE YOU

I am offering my eggs, \$3.00 for 15, while they last. So book your orders at once.

WEST LAWN POULTRY YARDS

J. C. DENNIE, 51 Gilmore Ave., Nashville, Tenn.

Mrs. L. L. Upson's Exhibit

Tuesday night brought out the largest crowd that had as yet attended the show. All the aisles were filled and the prize winners held a reception of from ten to twenty visitors at all times. As the crowds passed from pen to pen they grew more and more enthusiastic and one woman remarked that it was enough to make any one go into the chicken business just to see the beautiful birds that were on exhibition. Mrs. L. L. Upson's Philip the Wonderbird, a Black Orpington, that was second at the Philadelphia show, which ranks next to Madison Square, and also won five specials there, was the center of an admiring audience throughout the afternoon and night. Mrs. Upson is one of the largest lady poultry fanciers in Georgia, and sends her birds all over the country. She has never failed to place her birds and has undoubtedly done as much as anyone else to spread the fame of Georgia poultry.—*Atlanta Georgian*.

Petrified Chicken Found

George Dunn, of Castalian Springs, Tenn., has a curiosity in the shape of a petrified chicken. The chicken was found by Mr. Dunn on his place under an old unused hay-baler, where it is supposed the fowl had become accidentally caught in some unknown manner some time ago, and remained there until it died of starvation. The body of the fowl was well preserved and

ORPINGTON GROVE

SINGLE COMB

BUFFS--BLACKS--WHITES

Winners at...

Great Appalachian Show
Georgia-Carolina Show

At Augusta

Awarded Second Best Hen in Show

Foundation Stock Direct of
WM. COOK & SONS

Imported and American Bred Birds
FOR SALE—STOCK, EGGS

MRS. L. L. UPSON

1124 Prince Ave. ATHENS, GA.



The FAVORITE BAND
THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c,
100 for 65c.

CHAS. L. STILES
30 Columbia Bld. COLUMBUS, OHIO

TO SOUTHERN BREEDERS

Black Langshans, Buff Orpingtons, Indian Runner Ducks

500 Grand Specimens of each variety. I have the stock with prices to suit the customer. EGGS FOR HATCHING.

BEN S. MYERS : : Crawfordville, Ind.

SILVER - LACED WYANDOTTES

BEST IN THE SOUTH

THEY have proven their worth by winning in three of the South's greatest shows held this fall. At the Tri-State Fair, Memphis, won 1st cock, 1st cockerel, 1st hen and 1st pullet; at great Appalachian Exposition Poultry Show, Knoxville, won 1st cock, 1st hen, 1st pullet and 2d cockerel; and at Mississippi State Fair, Jackson, won 1st and 2d pullet, 2d hen, 2d cockerel and 2d pen. This is a show record that stamps my birds among the best in the country. EGGS—From pens 1 and 2, containing prize winners, \$3.00 for 15; pens 3 and four, good as the best, \$2.00 for 15. Book your orders now for eggs.

M. E. JARRATT, Route 2, Batesville, Miss.



ROYAL STRAIN BARRED ROCKS

Have won for us in the past two years at the following shows and they will win for you. 2d cockerel, 2d and 3d hen, 4th pullet, 2d pen, Greenville, S. C., 1909; 4th cockerel, Spartanburg, S. C., 1909; 1st pullet, Charlotte, N. C., 1909; 3d cockerel, 1st hen, Atlanta, Ga., 1910; 1st cock, Augusta, Ga., 1910; 4th cock, 2d and 5th hen, Charlotte, N. C., 1910. EGGS—\$3.00 per setting of 15; two setting for \$5.00. Incubator eggs, \$1.50 per 15; \$3.50 per 100.

DES-RENA POULTRY YARDS
GREENVILLE, S. C.



**A 16 lb.
Capon**

*Photo
from Life*

Poultry Truths

¶ After all it's the TRUTH—the plain unvarnished practical facts about poultry raising that you want, not theories advanced by writers who too often have "an axe to grind."

¶ Mr. S. B. Twining, of "AFTON FARM", (the oldest and most successful poultry farm in the country) is widely recognized as an authority on practical poultry raising for profit. Hundreds of people write to Mr. Twining for advice, and as he finds it impossible to answer such requests as fully and as conscientiously as he would like, he has written a valuable book, illustrated, which contains just what the title indicates—POULTRY TRUTHS.

¶ Readers of this book will get the benefit of a life-time of experience on a successful poultry farm. No high-sounding theories are advanced—the book tells in a plain, frank, honest way how to make profit from poultry.

¶ The book treats of incubation and brooding of chickens, ducks, geese, turkeys, guineas and pigeons. The questions of heating, breeding, marketing and shipping are fully covered. There are feeding suggestions and helps to beginners.

¶ The chapter on Capon Culture alone is worth more than the price of the book. Capons sell for 30 cts. to 40 cts. per lb. in city markets.

¶ POULTRY TRUTHS is being sold purely on its merits—has no connection with any publication or any advertising scheme.

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AFTON FARM
Box D-15 • Yardley, Pa.



the most remarkable thing in connection with it is that the feathers were petrified together with the whole chicken. It is natural in appearance and resembles a fowl cut from solid stone. It has been viewed by a large number of people.

In the February Century

The February *Century* contains a number of timely features, including the first account of the proposed graduate college at Princeton, the first reproduction of a decoration by Maxfield Parish in a recently opened Chicago hotel, an article by Mary Garden and one on Thomas B. Reed by Senator Lodge.

Wins at Gastonia

At the Gastonia show, Dr. John W. Lasley, of Burlington, N. C., entered eight Rhode Island Reds and won 1st hen, 2d pen, 3d cock, 3d, 4th and 5th pullet. In sending us the report of the show for the January number, the secretary overlooked these winnings.

"Golden Dragon" BUFF COCHINS

— ARE STILL ON TOP —

At the recent Augusta Show they won the silver cup for the BEST PEN OF ASIATICS For the Second Time. My birds have won some of the most coveted prizes at Madison Square Garden, Indianapolis, Augusta, Asheville, Charlotte and other shows. Season of 1909-10 they won over SEVENTY REGULAR and SPECIAL PRIZES. If you appreciate high-grade stock, it will pay you to write me for prices. They are not low, but are in keeping with the quality of the birds.

C. W. BEST

P. O. Box 101G

Charlotte, N. C.

Assistant Secretary American Buff Cochin Club

Life Member A. P. A.

Do You Know J. A. Thornhill?

He breeds quality Single Comb Brown Leghorns and Rhode Island

Reds. A few cockerels for sale. Eggs \$1.50 and \$3.00

per 15; \$6.00 and \$8.00 per 100.

THORNHILL'S POULTRY FARM, Hartselle, Ala:

SYPERT'S PARTRIDGE ROCKS

— NEW STANDARD BREED —

Win wherever exhibited. Best in the South, and none better anywhere. Noftzger's strain direct. Full of vigor; have the size, beauty and utility. Won at Nashville, Sept. 1910, 1st cock; 1st hen; 1st and 2d cockerel; 1st, 2d and 3d pullet; 1st pen. Chicago, Dec. 1910, 3d cock, 5th hen, 5th cockerel, 4th pen, against strong competition. They are also winning in the hands of my customers. A few choice, fully matured cockerels for sale. Eggs for hatching. Baby chicks a matter of correspondence. Write for mating list. Satisfaction guaranteed.

Kentucky Vice-President American Partridge Rock Club.

G. W. SYPERT, Madisonville, Ky.

RHEUMATISM

A CURE GIVEN BY ONE WHO HAD IT



In the Spring of 1893 I was attacked by muscular and inflammatory rheumatism. I suffered as those who have it know, for over three years, and tried almost everything. Finally I found a remedy that cured me completely and it has not returned. I have given it to a number who were terribly afflicted, and it effected a cure in every case. Anyone desiring to give this precious remedy a trial, I will send it free. Address, Mark H. Jackson, No 544 James Street, Syracuse, N. Y. Mr. Jackson is responsible. Above statement true.—Pub.

WHITE WYANDOTTES

— DUSTON STRAIN —

HEAVY WINTER LAYERS, FARM RAISED

Eggs, per setting of 15, \$2.50

— ADDRESS —

FELIX CREASY

Lexington, Tennessee

BARRED ROCKS STRONG BREEDERS

Cockerels at \$3.00, dark and distinctly barred, the kind that will produce the largest per cent good birds. Eggs—\$3.00 per 15, from pens headed by prize winners.

Six Beautiful COLLIE PUPS for Sale

CLARENCE YOUNG

Sweetwater, Tenn.

WINNERS GREAT APPALACHIAN EXPOSITION SHOW

WILBER'S WORLD'S BEST

SINGLE COMB WHITE LEGHORNS, INDIAN RUNNER DUCKS

Blue ribbon winners America's best shows. Hundreds of fine breeding cocks, cockerels, hens, pullets, \$2, \$3, and \$5; extra fine ones \$10. Eggs, \$2, \$3, and \$5 per setting. Special prices on larger lots.

WILBER BROTHERS, Route 4, Box G, Cleveland, Tennessee

1911 Matings Best Yet. Handsome Catalog for Stamp.

BOYD'S BROWN LEGHORNS

SINGLE COMB

Again winners in the best shows of the country. Eggs from highest class show birds or utility stock, \$2.00 to \$5.00 per 15. Safe arrival and a good hatch guaranteed.

DR. H. T. BOYD : : Sweetwater, Tenn.

EGGS FOR SHIPMENT NOW EGGS

S. C. R. I. REDS My pens this season are extra fine; prices are reasonable. My Special Pen is selected for size, shape, color and laying. This is composed of Tompkins and Langford stock, headed by the best Red I ever saw.

PRICES

Special pen, 15 eggs.....\$5.00	Langford pen, 15 eggs.....\$3.00
Tompkins pen, 15 eggs.....\$3.00	All other pens, 15 eggs.....\$2.00

BUFF ORPINGTONS In these I have some beautiful fowls—three pens, 15 eggs for \$2.00. Am booking eggs for later shipment from Buttercups at \$2.00 for 15; Barred Minorcas, \$2.00 for 15; Black Orpingtons, \$2.00 for 15; Anconas, \$1.00 for 15.

C. S. TAIT, Brunswick, Ga.

CHILDRESS' S. C. WHITE LEGHORNS

The Acknowledged Southern Champions

Prize winners, in the strongest competition, Appalachian Exposition, Hagerstown, Atlanta, Augusta, Charleston, Birmingham, Chattanooga, Bristol, Asheville, Tenn. State Fair, Knoxville, Cincinnati and East Tenn. Fair. **WORLD'S BEST EGG PRODUCERS.** Remember that we breed for size, health, vigor and profit as well as for Standard requirements. We raise our chicks on free range and never breed from weak or unprofitable birds, no matter how good they are from a fancy standpoint. My breeders are exceptionally fine in shape, graceful in carriage, and have that snappy, intelligent appearance that all breeders must have, the concave back and heavy low-tail carriage that pleases the judge in the show.

If you want foundation stock or new blood, send your order to the "Fountain Head." If you are not satisfied that Childress has the Southern Champions, write Judge Marshall, Wittman, or any national judge who has seen my birds. They know. Send for mating list.

EGGS—\$2.00 to \$10.00 per setting of 15.

JOHN F. CHILDRESS, Box H, Sweetwater, Tenn.

SICILIAN BUTTERCUPS

DUMARESQ STRAIN

Stock from Ribbon Winners for sale. If you want genuine Buttercups, send for my circular.

MRS. J. S. DUMARESQ, Cato's Hall, Easton, Md.



LAMBERT'S DEATH TO LICE

insures clean fowls—large profits. Absolutely safe, sure and quick in results. If not at your dealer's, send 10 cents for sample of powder for hens, or of ointment for head lice on little chicks. Valuable booklet, "Eggs and How To Get Them" for 2c stamp.

O. K. STOCK FOOD COMPANY
333 Traders Bldg., Chicago, Ill.

Tri-State Poultry Association

An enthusiastic meeting of the Tri-State Poultry Association was held in the director's room of the Union Planters Bank & Trust Co., in Memphis, Jan. 14, more than thirty members being present. Officers were elected for the ensuing year and steps were taken for increasing the membership to 400. The new directory of the association will appear some time this month. Officers were elected as follows: J. T. Morgan, president; R. C. Stocton, vice-president; R. B. Buchanan, secretary; W. W. Stevenson, treasurer. Directors: H. C. Hoskins, W. H. Harrison, D. E. MacGowan, Bate Williams, Ben E. Berry, R. S. Washburn, C. L. Baker, A. D. Taylor, Sam. B. Bejack.

Peyrat & Roy, Jeffersonville, Ind.

This firm must have good R. C. R. I. Reds, for they win wherever shown. Their most recent winnings were at New Albany, Ind., and Louisville, Ky., where they swept the boards. Their stock is raised on the range and have the best blood of the country for foundation stock. Look up their ad.

Brown Leghorns Win.

Dr. H. T. Boyd, of Sweetwater, Tenn., won on his Brown Leghorns at Augusta: 1st and 2d cock; 1st, 2d and 3d hen; 1st and 3d cockerel; 1st, 2d and 3d pullet; 1st pen; special for best display of Brown Leghorns, and special for best display in the Leghorn class on eleven entries. His pens are mated up exclusively of prize winners.

Places Some Good Prizes

At the Cleveland show, Mr. Goodlin, our representative, met the president of the Ohio Hatchery & Mfg. Co., Mr. C. A. Thompson, Bellevue, Ohio. His co-operators were very successful in placing some of the best prizes. Look up their ad.

Wins Cup at Wheeling

The fact that Mr. M. Nelson Cecil, of Elm Grove, W. Va., has won the silver cup for the best display of Wyandottes for the last two years with his Partridge Wyandottes at the Wheeling, W. Va. show, demonstrates the fact that he has the best. At the recent Baltimore show, he won 1st and 4th cock and 2d cockerel.



DON'T KILL OR SELL LAYING HENS

Potterize your flock and keep only laying hens. Our 100 page Potter System book tells the secret. Send for circulars. Our two large catalogs on portable poultry houses and fixtures, 125 pages and 150 illustrations mailed for 4 cents postage.

WRITE TODAY

T. F. Potter & Co., Box 20, Downers Grove, Ill.



125 Egg Incubator and Brooder Both For \$10

Why pay more than our price? If ordered together we send both machines for \$10.00, and pay all the freight charges. Hot water, double walls, dead-air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery underneath the egg tray. Both Incubator and Brooder shipped complete, with thermometers, lamps, egg-testers—all ready to use when you receive them. All machines guaranteed. Incubators are finished in natural colors showing the high grade lumber used—no paint to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Send for the free catalog today, or send in your order and save time.

WISCONSIN INCUBATOR CO., Box 57, Racine, Wis.

MR. ORPINGTON BREEDER

I am not making my living out of the chicken business. I am an office man and breed S. C. Buffs for pleasure and pastime, keeping only one yard. I have been about seven years building this up of the most popular breed in America today, and think that my birds can more than hold their own in any company. My record at the great Birmingham show, October last, with competition open to the world will prove this. At this show I made nearly a clean sweep on young stock, winning 1st, 2d, 3d and 4th pullets, and 1st, 2d and 4th cockerels. No old birds shown on account of moulting. Will sell a limited number of eggs after Jan. 1st at \$5.00 per setting.

H. C. HENDERSON Talladega, Ala.

ANCONAS

Hens That Lay Eggs That Hatch

BOOK YOUR ORDER

H. E. PORTRUM Rogersville, Tenn.

Member International Ancona Club

REDUCTION SALE

600 prize-winning and utility Single and Rose Comb R. I. Reds, Barred P. Rocks; White Wyandottes, Single Comb White and Brown Leghorns. Winners at the largest shows. It will pay you to write me if you want good stock.

CHAS. HUFF

66 Forty-first St. IRVINGTON, N. J.

BEDFORD'S ANCONAS

BOTH COMBS

They are the greatest laying as well as the greatest winning strain in America. Won FIRSTS at St. Louis, Berea, Cleveland, New York, Ohio State Fair, etc. Get some EGGS from these winners.

H. M. BEDFORD, Strongsville O.

Are You Interested in First-Class S. C. White Orpingtons?

COOK and KELLERSTRASS STRAINS

If so, WRITE US NOW, for we have some Stock, Eggs and Baby Chicks for sale. We won all prizes on pullets and cockerels and had highest scoring pen of Single Comb White Orpingtons at the Asheville Show, 1910.

Sunny Slope Poultry Yards

23 Phifer St. ASHEVILLE, N. C.

S. C. Brown LEGHORNS

Bred to Win and Lay

Won 1st cock, 1st and 2d cockerel, 3d hen and 2d pullet at Tennessee State Fair, 1909. Won at Tri-State Fair, Memphis, 1909, 2d hen, 3d cock, 3d pullet, 3d pen. At Lebanon I exhibited eighteen birds that scored from 90 1/4 to 94 points. I won 1st cock, 1st cockerel, 1st and 2d hen at Tennessee State Fair and 1st cock at the Appalachian Exposition Poultry Show this year. They are blue bred and show their strong breeding points. Some very nice cockerels and pullets for sale.

J. W. LEEMAN, Henderson's X Roads, Tenn.

Wants New Members

At the annual meeting of the American Cornish Club, held at Kansas City, Mo., Nov. 30, 1910, the following officers were elected: president, R. D. Reider; first vice-president, C. S. Brent; second vice-president, F. C. Burbank; third vice-president, F. C. Price; secretary-treasurer, H. C. Hayes. Members of executive committee, G. E. Thomas, John D. Mercer.

We are now united with the Pacific Cornish Fowl Club, which brings our membership roll close to 250. We are adding new members every day and we have a snug cash balance in our treasury. We want breeders of all varieties of Cornish to join our Club and get our new 1910 catalogue free by doing so. The membership fee is only \$1.00, which pays one year's dues. Next annual meeting to be at Baltimore, Md., January, 1912.—H. C. HAYES, Secretary, Eureka, Ill.

Christianity in China

Professor Edward A. Ross of the University of Wisconsin, has written, for publication in early issues of *The Century*, three papers dealing with present religious, social, and industrial conditions in China, basing his statements upon his observations during a recent extended trip through the kingdom.

In the March *Century* Professor Ross will treat of Christianity in China, speaking especially of missionaries, both American and British, their methods, successes, failures, converts, critics, and enemies.

TOO LATE!

Why Didn't I Get



CONKEY'S ROUP REMEDY!

That's what you'll be saying some of these days if you put it off too long and lose part or all of your flock in an epidemic of ROUP. When you see chickens moping, sneezing, coughing, watering at the eyes, heads swollen and fighting for breath. LOOK OUT! These are sure symptoms of the deadly Roup. One sick bird will infect the whole flock! Don't wait—keep Conkey's Roup Remedy always on hand!

"CONKEY'S" DOES THE WORK

Conkey's Roup Remedy comes in powder form. Put a thimbleful in a gallon of water and the fowls will drink it eagerly. A 50-cent box makes 25 gallons of medicine.

We will pay 50 cents for the empty box if it fails to satisfy you, but it will not fail!

OUR REMEDIES NOT "CURE-ALLS"

WE MAKE ONE REMEDY FOR EACH DISEASE. Conkey's Poultry Remedies are endorsed by thousands of successful poultry raisers. One remedy for each disease. Every remedy guaranteed. Don't put faith in "shotgun" remedies. Every disease has a different cause and demands a special remedy.

Conkey's Poultry Remedies are standard preparations with a world-wide reputation. On sale everywhere. Prices, Conkey's Roup Remedies, 50 cents and \$1.00 postpaid.

CONKEY'S POULTRY BOOK FREE

IT'S THE RECOGNIZED AUTHORITY. Over two million copies in daily use. Answers 125 vitally important questions. Tells all about Housing, Feeding, Egg Production, Breeding, etc. Tells How to Know and How to Cure all manner of Poultry Diseases. Send name of your poultry supply dealer and 4c in stamps for this great 50-cent poultry book NOW. Follow its plain teachings and double your poultry profit. Send at once.

G. E. CONKEY CO.
THE CONKEY LABORATORIES
DEPT. 17 (37) CLEVELAND, OHIO

M. B. TURKEYS, BLACK LANGSHANS

Prize winners at Tennessee State Fair and Appalachian Exposition Poultry Show. Tom at head of pen in Turkeys has won many firsts and specials. Langshans have won from the best in the South at the big Southern shows. Show birds a specialty. MISS ONA WATERS, Lebanon, Tenn.

WHITE WYANDOTTES of Quality

Heaviest Egg Strain in the State. Eggs—\$2.00 and \$3.00 per sitting, \$7.00 per 100.

BEAL & DAVIS

Gastonia, N. C.

Indian Runner Ducks, B. P. Rocks, Mottled Anconas

Greatest laying strains in the South. These breeds for beauty and money makers.

W. F. BAYLESS : : : : MORRISTOWN, TENN.

Dozier's Famous Barred Rocks

Stock for sale from High-Scoring Prize-winners. We do not sell Culls at any price. Improve your flock with Line-bred Males that have good blood stamped in them to get good results. Eggs for hatching, \$3.00 and \$5.00 per 15.

C. H. DOZIER & SON

Marion, Alabama

WANTED! "WHITE PLYMOUTH ROCKS"

Am now booking spring delivery orders for Eggs for Hatching at \$5 and \$10 per setting, expressage prepaid. Silver cup winners; wonderful layers; Fishel birds.

LYNN C. TOWNSEND

WEEDSPORT,

STATE SECRETARY WHITE PLYMOUTH ROCK CLUB

NEW YORK

Kellerstrass "Crystal" WHITE ORPINGTONS and "Ringlet" B. P. ROCKS Eggs—\$3 and \$5 per 15. Guarantee a hatch of 9, or duplicate order for half price.

ROBT. M. COBB, Route 2, Newbern, Tenn.

Eggs From Prize Winning Stock for Sale

S. C. BLACK MINORCAS, BLACK ORPINGTONS, S. C. BROWN LEGHORNS and INDIAN RUNNER DUCKS. Strong, vigorous, farm-raised Ducks from imported stock. Price right. Stock for sale.

MRS. J. F. CARROLL, Hohenwald, Tenn.

RHODE ISLAND REDS and INDIAN RUNNER DUCKS

S. C. and R. C. Rhode Island Red Eggs—\$1.50 and \$2 per 15; \$7 and \$10 per 100. Indian Runner Duck Eggs—From 225 egg strain, \$1.50 per 12; \$5 per 50. A few S. C. and R. C. Red cockerels for sale, \$1.50 to \$3 each. Indian Runner Drakes, \$1.50 to \$2.50 each. No more Ducks for sale. Orders given prompt attention. J. C. CATE, Milan, Tenn. R. 5.

S.C. White Leghorns

Winners at Birmingham, Ala., 1910

EGGS—\$1.50 per 15
\$7.00 per 100

PAUL W. BARCLIFT, Hartselle, Ala.

ORPINGTONS

BUFF and WHITE

Correct in type, color, quality and breeding. Eight grand pens for 1911. Four superb imported males (my own importations) and four American bred—no better on American continent. Stock for sale and EGGS FOR HATCHING. Illustrated mating list free.

C. A. KEEFER

Edgemere Farm Muskegon, Mich.

S. C. Buff ORPINGTONS

Winners 1910—All the firsts and special at Greenville, Miss. Mississippi State Fair at Jackson, 1st and 3d cock; 1st and 2d hen; 2d cock; 1st shape special; 3d pullet; 4th pen.

S. C. Brown LEGHORNS

All the firsts and special at Greenville, Miss. Jackson—2d cock; 3d, 4th pullet; 1st, 2d pen.

SICILIAN BUTTERCUPS

First at Jackson

Second largest and best display, Jackson, Miss. A few cockerels for \$2.50 to \$5.00 each. Mating list ready Jan. 1, 1911.

M. T. YOUNG, R. 2, Box 3, Canton, Miss.

Wolfe Creek Poultry Yards

BARRED PLYMOUTH ROCKS

EXCLUSIVELY

At Abingdon, Va., Jan. 1911, I won 1st and 4th cockerel, 3d and 4th pullet, 1st and 2d pen, silver loving cup for best display in American class. Eggs—\$2.00 per 15.

SATISFACTION GUARANTEED

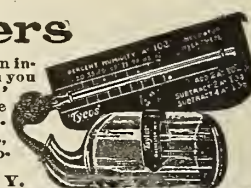
M. H. SMITH, Proprietor

102 Bradley Street ABINGDON, VA.

"TYCOS" Hygrometers

show the amount of moisture (humidity) in incubators. Don't risk eggs, time and money when you can insure hatches with "Tyco's" instruments. A "Tyco's" Thermometer is the Quality Mark in an incubator. Buy the machine equipped with it. Insist on the genuine. "Tyco's" Incubator Thermometers, each, 75c. "Tyco's" Incubator Hygrometers, each, \$1.50. Send for free booklet, "Incubator Thermometer Facts Worth Knowing."

Taylor Instrument Companies ROCHESTER, N. Y.



Shade and Grit

Shade and grit are two of the things that are absolutely necessary for poultry. If there is no natural shade, then we must supply some kind of artificial shade. Old lumber, brush, or, in fact, anything that will ward off the scorching rays of the summer sun, will answer the purpose, at least in a way; but there is really no excuse for not having some kind of fruit trees in the chicken yard. If large trees are planted, they will make a fair good shade the second year, besides furnishing you a crop of fruit.

Grit is also necessary. Yarded fowls soon hunt out all the gravel and broken crockery, and other grit must be supplied. There are many good kinds on the market and they cost but little.

The Lebanon Show

The Lebanon Democrat, in speaking of the free show held by the Wilson County Poultry Breeders' Association, says:

"The educational value of this exhibition cannot be overestimated. These shows are not run for profit, and have never made expenses, the promoters paying all losses out of their own pockets. It would be a good investment for the county court to appropriate about two hundred dollars annually to help the local promoters in giving to the people of our county a free mid-winter fair. To increase the yield and to produce a better grade of stuff is the object sought."



BRED FOR LAYING

Ten Years Careful Breeding.

25 Best breeds poultry. See my big circular, illustrated in colors, before you place that order for stock or eggs. Price reasonable. It will please you. It's FREE—2c. stamp for mailing.

JOHN E. HEATWOLE, Harrisonburg, Virginia.



EGGS FOR HATCHING A SPECIALTY.

\$2.65 for \$1.50

Southern Fruit Grower

Monthly—50c a year

Progressive Farmer

Weekly—\$1 a year

The Industrious Hen

Monthly—50c a year

Copy of "Hen and Chicks"

300-page poultry book—50c

One Dozen Leg Bands

15 cents Total, \$2.65

Four publications and one dozen leg bands will be mailed for...

\$1.50

Send Orders to

THE INDUSTRIOUS HEN CO.

KNOXVILLE, TENN.

Single Comb White LEGHORNS

Are you interested in getting the best in SINGLE COMB WHITE LEGHORNS? Then write to us for prices on eggs for hatching. We only made three shows last season, but we carried off five firsts, two seconds, one third and three specials. Our strain has proven our claim by always pleasing our customers. Satisfaction guaranteed. We have more and better matings this year than ever before.

TURLEY & SCOBEE, Box A, Mt. Sterling, Ky.

REFERENCE—TRADERS NATIONAL BANK

REAL RED RHODE ISLAND REDS

SINGLE COMB

Winnings for 1910: At Minden—1st cockerel, 1st and 2d pullet, 1st pen. At Monroe—1st cockerel, 1st, 2d and 3d pullet, 1st pen. At Shreveport—(In a class of 27 cockerels), 2d cockerel. Only one pen entered at each Fair. All my hens and pullets have been laying steadily through October, November and December. Eggs—\$1.50, \$3.00 and \$5.00 for 15. Pens mated since December 1st. A few good utility pullets and cockerels for sale at sacrifice prices. Correspondence solicited.

CHARLES M. ROBERTS, Minden, La.

White WYANDOTTES

Fine white plumage, grand shaped and sized birds. Won first honors wherever shown. HICKORY—All firsts on young stock and best cockerel and pen in show; GASTONIA—1st, 2d, 3d and 4th cockerel, 2d and 3d pullet; ASHEVILLE—1st and 2d pullet, 3d cockerel. Only young stock shown.

BARRED PLYMOUTH ROCKS: Exhibition matings composed of prize winners. Full Standard size, fine barring and excellent markings in every respect. HICKORY—1st cock; 1st, 2d and 3d hen; 2d and 3d cockerel; 1st pen.

EGGS—\$2.50 per sitting of 15. Place your order now.

C. M. SHUFORD

--

Hickory, N. C.

Big Incubator Value



Send for
Free Book

Successful Incubators have always been superior to all others. This year they are better than ever before and the price is lower. Get our direct-to-you proposition and Big FREE Book and low price before you pay a cent for any incubator. We want to prove to you that this is the biggest real value ever offered.

Successful Incubators

have 20 years experience back of them. Every fault of others eliminated. New special features developed this year. Ventilation, heating, regulation—all perfect. Don't experiment. Get a SUCCESSFUL—the sure, certain money-maker. Get our price and book NOW. If you want booklet on "Proper Care and Feeding of Chicks, Ducks and Turkeys," send 10c. Catalogue is FREE. Write postal.

Des Moines Incubator Co., 364 Second St., Des Moines, Ia.

Elects Officers

The annual meeting of the Charlotte, N. C., Poultry and Pet Stock Association was held on December 29, and a large number of the members were present. The following officers were elected to serve during 1911: Ralph Van Landingham, president; P. S. Powell, first vice-president; H. M. Collins, second vice-president; C. M. Nolen, Gastonia, third vice-president; R. L. Gill, Spencer, fourth vice-president; Charles Frazier, Charlotte, fifth vice-president. O. T. Hallman, Charlotte, secretary-treasurer; W. E. Shaw, assistant secretary; R. D. Craver, superintendent; W. H. Strickland, Charlotte, assistant superintendent.

Doing a Big Business

The Standard-Bred Poultry Farms, Burkes Garden Va., sent nine birds to Asheville, N. C., to be scored by Drevensedt, entering all in open classes and won nine ribbons—four firsts, three seconds, two thirds, and one fourth. The exhibit was in White Wyandottes and White Rocks, only. They have been very successful in all the shows made this year, and are getting a full share of the business. They have had the best year in the sale of M. B. turkeys they have had, and have sent out some fine specimens. They have still some fine breeding cockerels in White Wyandottes and White Rocks that are going to be heard from as cock birds another year. Write them if you want good stock.

S. C. Rhode Island Reds

Mr. Eugene Magri, who, as a poultry fancier, is making a specialty as a breeder of Single Comb Rhode Island Reds and who took most of the prizes for this breed at the Inter-state Fair, was almost as successful at the State Fair, where, of course, the competition was much greater. He entered four birds at the Richmond show and had all four placed among the winners. Mr. Magri paid a good price for his original birds and has used skill in mating them and care in raising them. He is one of the most thoughtful fanciers in the city.—Ex.

Wins at Chattanooga

Mr. H. C. Portrum, of Rogersville, who breeds quality Anconas, captured 1st, 2d and 4th pullet at the recent Chattanooga show. He is now booking orders for eggs.

A New Advertiser With Us

Arthur Muench, of Louisville, Ky., manufacturer of the Falls City Incubator and Lampless Brooders.

You will find his ad. in this issue. It will pay you to send for one of his circulars before you buy an incubator. This circular tells how to save one-half your incubator expense. The brooder can be operated for little or no cost. THE INDUSTRIOUS HEN has been recommended to Mr. Muench as the best Southern paper through which to introduce his famous machines. These machines have proven a success in the hands of many poultrymen throughout the East and Northwest, and he expects a good demand for them in the South this season.

\$15.95
AND UP-
WARD
**AMERICAN
SEPARATOR**

SENT ON TRIAL, FULLY
GUARANTEED. A new, well
made, easy running separator for
\$15.95. Skims hot or cold milk;
heavy or light cream. Different
from this picture which illus-
trates our large capacity ma-
chines. The bowl is a sanitary
marvel, easily cleaned. Whether
dairy is large or small, obtain our
handsome free catalog. Address
AMERICAN SEPARATOR CO.



Box 1171
BAINBRIDGE, N.Y.

TRADE
Chicko

MARK

ROUP AND COLD REMEDY

Unsurpassed for Bronchitis, Canker, Catarrh, Dyptheria, Pip, etc. Absolutely guaranteed. Sample for 6 cents (stamps or coin), to cover cost of mailing.

HENRY W. DICKER

Dept. 5, Cleveland, Ohio

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows as Aberdeen and Meridian, Miss.; Nashville and Bristol, Tenn.; Augusta and Atlanta, Ga.; Charleston, S. C.; Houston and Marshall, Texas; Birmingham, Montgomery and Mobile, Ala.; also in the hands of my customers at many of the big Southern Shows, such as Dallas and Ft. Worth, Texas, Oakland, Cal., and Portland, Ore. EGGS—Prize mating, \$5.00; Special mating, \$2.00—half price after May 1st. Some good breeding stock for sale. Write for circular of winnings and matings.

L. K. TERRELL, Birmingham, Ala.

Allison's S. C. WHITE LECHORNS

I now have my pens mated up and am prepared to furnish eggs from my prize-winning and bred-to-lay stock. I am selling eggs at \$2.50 per setting from a pen in which every bird is a prize winner. Others as cheap as \$1.00 per setting. My birds have won at Louisville, Kentucky State Fair and Chicago. Incubator eggs, \$6 and \$10 per 100. I guarantee satisfaction. Write me. THOS. S. ALLISON, 28th and Steven Streets, LOUISVILLE, KY.

ORPINGTONS

S. C. BLACK, BUFF, WHITE

☞ Birds of the correct, modern type, with fine head points and superior color. Great layers and winners wherever shown in hot competition.

☞ Atlanta, 1911—Won on Blacks, no Buffs or Whites shown, 1st pullet, 2d cock, 4th and 5th hen, 5th cockerel, 2d pen.

☞ EGGS per 15:—Blacks, \$10 and \$5; Buffs, \$5 and \$3; Whites, \$3.

LAKEVIEW ORPINGTON YARDS

Address W. F. FRY, 908 Farley Bldg., BIRMINGHAM, ALABAMA

The "HOOSIERS"

Weikal's Famous Line-Bred BARRED PLYMOUTH ROCKS

Birds of Purity and Unchallenged Quality, whose Blood Lines can be traced to the origin of all Plymouth Rocks.

Their superior strong, snappy color, narrow barring, and typical Rock type make them strikingly noticeable and Winners in the Hottest Competition.

At the State Meeting of the American Plymouth Rock Club, at Ft. Wayne, December, 1910, they made the phenomenal winnings of Special for Best colored bird, Special for Best shaped bird, and Special on display, besides more points on hens, cocks and pens than all Competitors combined. Surely with the competition of modern times, and the years of unrelenting labor of the veteran fanciers of this variety, this is the highest reward that could be given the "Hoosier" family, the "Pride of the North."

TO THE SOUTHERN FANCIER, who is desirous of breeding a winning strain. I am offering such breeders from my best blood lines. I have these in both the Exhibition Male and Female lines. A limited number of classy breeders and exhibition birds at from \$5 to \$50 each. Every bird shipped on approval and satisfaction guaranteed or money refunded.

My Very Choicest Winners and Breeders are found in my 12 great quality breeding yards, and I am now booking orders for eggs personally selected and guaranteed to hatch. Eggs from my choicest matings, \$5 and \$10 per 15. Write for my illustrated booklet and mating list.

PURL H. WEIKAL, Specialist, Box 77A11, Marion, Ind.

CLINCHFIELD POULTRY YARDS

— LEAD THE WORLD IN —

STANDARD RHODE ISLAND REDS

AND ARE BEST LAYERS

More than a dozen Grand Pens scientifically mated. Many fine hens now in active business. Two Championship Pens, Three Grand Prize Pens, Select Matings, Utility Pens, etc. Fresh Eggs for sale at all times at from \$2 per setting to \$15; and from \$7.50 per 100 and up. Half hatch guaranteed or eggs replaced at half price. Orders booked ahead when accompanied by cash are shipped in the order received. We can ship eggs direct from the identical M. S. Gardner stock, which was bred and mated by that eminent poultry judge and Red breeder, as well as from the best choice of the prize-winning stock of the late Dr. L. B. Cook, of Stanford, Ky. A large number of fine birds, both males and females, now ready for sale at right prices. Mating List for 1911 and Big Show Record Free.

CLINCHFIELD POULTRY YARDS

GEORGE LEE WOLFE, Prop.

ROGERSVILLE, TENN.

S. C. BUFF ORPINGTONS

A fine line of old and young stock, bred for utility and exhibition, for sale at a bargain to make room for young stock. Pen eggs, \$2 and \$3 per 15; yard eggs, \$5 per 100.

JAS. H. WHEELER : : : : Bohon, Kentucky

S. C. White LEGHORNS Exclusively

BRED RIGHT—MATED RIGHT—FED RIGHT

They produce big husky chicks that mature into prize winners and heavy layers. Eggs for hatching. Baby chicks. Write for mating list.

O. T. HALLMAN

Box 691

Charlotte, N. C.

Plant's S. C. R. I. REDS

Winners at Georgia State Fair (The Quality show), Macon, 1910: First cockerel, class of 25; first hen, class of 17; first pen, class of 12; and second pullet, class of 25. Largest and Best Display of Reds, both combs competing. A few choice cockerels for sale at \$5.00, \$10.00 and \$15.00 each.

EGGS—\$1.50, \$3.00 and \$5.00 per 15. SATISFACTION GUARANTEED.

R. H. PLANT Box 50, Route 1 Macon, Ga.

BROWN POULTRY FENCE

STOCK-STRONG—RUST-PROOF

Costs No More Than Netting

yet will last five times as long. Made of extra heavy double galvanized, Rust Proof wires. No top or bottom boards and less than half the posts required. Chick Tight—Bottom wires only 1 inch apart. We have 160 styles, also Lawn Fences and Gates. We can save you money. Send for Catalog.

The Brown Fence & Wire Co.
Dept. 37 Cleveland, O.

WE PAY THE FREIGHT

FARM FENCE

13 3/4 cts. a rod

For a 20-inch or 15 cts. for 26 in. Hog Fence; 28 cts. for 50-inch poultry fence.

Sold direct to the farmer on 30 DAYS FREE TRIAL.

Special barbed wire, 30 rods spool, \$1.45. Catalog free.

INTERLOCKING FENCE CO.
BOX 36 MORTON, ILLINOIS.

Captured Highest Prizes

At the Spartanburg Poultry Show, held in that city Jan. 10-13, J. P. Swift & Son, of Waynesville, were awarded the highest honors of the show. On their entry of S. C. White Leghorns, they won 2d and 3d cock, 1st and 2d hen, 1st and 2d pullet, 1st pen, and the \$50 silver loving cup for the highest scoring female in the show, all classes competing. This trophy is very much appreciated, being won by their S. C. White Leghorn hen, winning over several hundred birds of several other States. The judge who scored the birds pronounced them the finest he ever saw, saying Madison Square Garden and the Chicago shows never have finer. The hen which won this high honor scored 96 1/2 points. The other females of the pen scored 95 1/2 and 96 points respectively. The Swift Wyandottes were awarded 1st cock and 1st pullet. They also won high honors on their S. C. Black Minorcas and Silver Spangled Hamburgs.—*Western Carolina Enterprise.*

First Hen at Cleveland

The first hen at the Cleveland show, held in January, owned by F. A. Starr, of Newton Falls, Ohio, is said by judges to be one of the narrowest barred hens in the country. Mr. Starr has a number of pullets from the mating and is in shape to send you something good in stock and eggs.

White Plymouth Rocks

Bred from best strains in America. A fine lot of birds for sale. Stock guaranteed as represented. Eggs, \$1.50 per 15.

H. F. CARPENTER, New Middleton, Tenn.

FOR SALE

Breeding stock, young and old, from three pens of handsome individuals of the very best strains of M. B. Turkeys; also a number of fine B. P. R. cockerels. Ducks all sold. Eggs from all in season.

MRS. W. J. LANDESS, R. 5, Fayetteville, Tenn.

NORTHWESTERN POULTRY YARDS

High-class **Silver-Laced Wyandottes** exclusively. Chicago winners and others too numerous to mention. Some choice cockerels for sale. Stock and eggs. **H. F. BERGER**, South Chicago, Ill.

ROGERS' MONEY BACK**Poultry Punch**

The only guaranteed punch made. Cuts clean and works easy, and you see what you are doing. Made in two styles. Plain at 25c; nickel-plated and heavier, 35c. Money back if not satisfied.

T. W. ROGERS
Box H Lamont, Iowa

BROWN LEGHORNS
EXCLUSIVELY

Fifteen select Eggs at \$2.00. A satisfactory hatch guaranteed.

C. E. PITTMAN Commerce, Ga.

S. C. Rhode Island REDS
STOCK FOR SALE

Eggs for hatching at \$3.00 per 15.

ROSE HILL POULTRY YARDS
Route 5, Box 213, ATLANTA, GA.

ROSE COMB RHODE ISLAND REDS

Hens that lay are the hens that pay. Eggs from three yards for sale. A few fine cockerels. Send for circular to-day. A "Square Deal." Mention "Hen" when writing.
D. MATT THOMPSON STATESVILLE, N. C.

HUMPHREY'S Single Comb WHITE LEGHORNS

Win at Madison Square Garden, Boston, New York State Fair and Cleveland, Ohio. Young stock for sale only. Cockerels \$3, \$5 and \$10 each. Pullets \$1.50 and \$2 each. Eggs for hatching after Feb. 1.
H. E. HUMPHREY Box 603B Greenwich, N. Y.

Our WHITE WYANDOTTES
and WHITE ROCKS

Have WON at Virginia State Fair, Virginia Poultry Association, Lynchburg, Charlotte, Asheville, Bristol, Tazewell, Appalachian Exposition, Knoxville, Augusta, Radford, many blues, cups, sweepstake prizes, besides scores of reds, yellows and special prizes. Stock and eggs at attractive prices. \$5.00 cockerels special values.

STANDARD-BRED POULTRY FARMS, Burke's Garden, Va.

S. C. BUFF ORPINGTONS**The Kind That LAY, WIN and PAY**

Winners in a class of 180 Buffs at Augusta show. Classed with world's best. **WINNINGS**—1st hen, 2d cock, 4th pullet, 3d and 4th pen. Stock for sale that will win for you and breed you winners. Address

ROSE HILL POULTRY YARD
O. A. MUSE, Prop. Box 4, Decatur, Ga.

The Importance of Poultry

It is doubtful if any one product of the entire world equals that of poultry, since undoubtedly there is much used in homes, of both eggs and poultry, of which no account is ever kept, and in taking a record of the annual production this portion is not included.

If we could only get the exact figures, in dollars and cents, doubtless the production of poultry would appear stupendous. The city man often keeps a few hens, and almost supplies his table with eggs and poultry, but there is not the least record kept and the poultry yard never gets credit for the great part it takes in supplying the world's food.

As the cost of living advances we should look more to our fowls, and not depend too much on what others produce.

She Proves It Profitable

Something of a record in poultry has been made by Mrs. E. L. Cole, of Hall's Bottom, Va., near Bristol. Mrs. Cole started in last spring to raise turkeys. She had two hens and one gobbler. She set all the eggs laid by the hens and also five eggs which she bought from a neighbor, for a trifle. The eggs every one hatched and every one of the turkeys lived. There were sixty-eight of them, all fine birds, and one young gobbler in the lot tipped the scales at over twenty-five pounds. The last of the lot was sold to a Bristol dealer this week for \$168.18, which Mrs. Cole now has to show for her trouble, besides five large fine turkeys to start with next spring.

INOCULATION of FOWLS
A Startling DISCOVERY

Science has discovered a treatment for cholera, roup and white diarrhea, which is receiving the commendation of America's leading fanciers. These three germ diseases have turned thousands of optimistic poultrymen to pessimistic poultrymen. Inoculation with **Oculum** solves the problem. **Oculum** is a wonder worker. It cures and prevents these diseases without question. Its reputation is growing by leaps and bounds.

"OCULUM"

REGISTERED TRADE MARK

The worst cases of roup, cholera and white diarrhea readily yield to **Oculum**. Fanciers say its success is unbelievable. Poultry losses turned to profits. Death rate greatly reduced. Egg yield increased. **Oculum** has destroyed the hatchet, the only known remedy for those diseases. Inoculated poultry, turkeys, pigeons and other fowls are healthy and their weight increased. Send for **Oculum** and inoculate your whole flock as a preventive.

A. C. HAWKINS, Lancaster, Mass., breeder of America's Best Plymouth Rocks and Wyandottes, recommends **Oculum** to poultry fanciers:

November 28, 1910.

The Hancock Inoculum Co., Salem, Va.

Dear Sirs:—I have been using your new remedy, **Oculum**, on some of my valuable birds and it has produced good results. You surely should have a large sale for the remedy when its qualities become known among poultry fanciers.

Wishing you success, I am, Yours truly,
A. C. Hawkins.

Ask your dealer for **Oculum**. If you cannot get it send us dealer's name and 25c for trial bottle or dollar for large bottle. If it fails to do all we claim, we will return your money. Circular and testimonials free on request. Send for **Oculum** today and we will mail it to you tomorrow.

HANCOCK INOCULUM COMPANY, Inc.
Box 4, SALEM, VIRGINIA

FOR SALE Fine old country-cured Hams, Lard and Bacon. Write for delivered price.

J. E. HARRIS
109 W. Jackson Avenue KNOXVILLE, TENN

Single Comb BUFF LEGHORNS

2d Boston cockerel, 1st pen Trenton cockerel, 1st. Boston cock, 5th Allentown cockerel, 4th Central Palace cockerel, 2d Trenton cockerel, 1st pen Central Palace cockerel head my pens. Mating list.
WM. E. CREVOISERAT, 35 Main Road, FREEPORT, N. Y.

SILVER WYANDOTTES

My birds have won their share of prizes at Knoxville, Augusta, Asheville, Wadesboro and Spartanburg. Look up their record. Eggs, \$3.00 per setting of 15.

GABRIEL CANNON, Spartanburg, S.C.

FOR SALE
EGGS and COCKERELS

Am selling eggs from **S. C. White Leghorns, Black Minorcas, Partridge Wyandottes and Barred Rocks** at

\$2.00 and \$3.00 per 15
Prize winners at Knoxville. A few Leghorn cockerels for sale. Also a pen of Black Minorcas. Satisfaction guaranteed.

S. E. TRUAN, Fountain City, Tenn.

Robert's "FAMOUS"



Rhode Island Reds White Wyandottes

Built up by the Trap-Nest Individual Record System for Heavy Laying and Fancy purposes. Won at Huntsville, Chas. I. Fishel, of Hope, Ind., Judge, Dec. 1-4, 5 firsts, 5 seconds, 2 thirds, 2 fourths, 5 specials on Wyandottes. At Birmingham, won 1st cock S. C. R. I. Reds in biggest class of Reds ever assembled in the South. Winnings in two shows (1909), 29 regulars and 7 specials. Won at the great Appalachian Exposition Poultry Show, Oct. 5-12, 1910, 1st cockerel in Rhode Island Reds, and 4th cock, 5th hen and 5th pullet in White Wyandottes. Won again, at Huntsville, 5 firsts, 5 seconds, 5 thirds, 2 fourths and several specials, including grand sweepstakes prize, December 29-31, 1910.

Eggs for sale. Book FREE.

W. T. ROBERTS, Gurley, Ala., Box 122.

J. B. MILLER Breeder of EXHIBITION BARRED ROCKS

of the winning kind. Eggs for sale from both matings. Winners at the great Cleveland Show—4th and 5th cockerels on 3 entries, 1910; 2d pen and 5th cockerel, 1911, and cleaned the deck at Clyde, Ohio. J. B. MILLER : : : : : Route No. 1, BELLEVUE, OHIO.

SHEPPARD'S FAMOUS ANCONAS

THE WORLD'S BEST

Champions at World's Greatest Shows, including Madison Square, Cleveland and London, England. Have remarkable egg record of 256 average for flock.

H. C. SHEPPARD, Importer, Box F, Berea, Ohio
President International Ancona Club

CHOICE POULTRY YARDS

Nine varieties—S. C. White and Brown Leghorns, S. C. Black Minorcas, White Wyandottes, R. and S. C. R. I. Reds, Buff Orpingtons, S. S. Hamburgs and B. B. Red Game Bantams. Won higher honors at recent shows than ever before. Quality surpassed by none and equaled by few. Prices of stock, eggs and chicks reasonable. Satisfaction guaranteed or money refunded. Reference—Bank of Waynesville.

J. P. SWIFT & SON = Waynesville, N. C.
Catalog containing valuable information, FREE.

McDAVID WORLD'S BEST PARTRIDGE ROCKS

At the Illinois State Fair, Montgomery County Show, Missouri State Show and Illinois State Show, during 1910, my Partridge Rocks have caused more comment by their winnings, shape, size and beauty than all the other breeds taken together. If you want a bird that will mature early, breed true to color, good rustlers on the range, and that lay all the time, then get the Partridge Rocks. My birds have "Quality" stamped all over them by their magnificent winnings, and as layers they have no equal.

CEDAR GROVE FARM, G. U. McDavid, Prop., Irving, Illinois.

Fogg's S. C. W. LEGHORNS

Are Bred for HEAVY LAYING and EXHIBITION QUALITY

If you want the Best for Foundation Stock or New Blood, send me your orders for Eggs for Hatching and Baby Chicks. No order too large or small. My Mating List tells all about them. Write for it now : : : : :

N. V. FOGG, Box A, Mt. Sterling, Ky.

Scoops the Coveted Prizes

Our friend, Jno. F. Childress, Sweetwater, Tenn., has certainly made a killing this year as usual on his White Leghorns. He states that he has only made four exhibits this year and has scooped the most coveted prizes at each show, winning first pen at the Appalachian Exposition. In Augusta, he won practically everything offered, this being the fourth time he has made a clear sweep in Augusta; in Bristol he won practically all firsts; in the great Atlanta show, in the strongest class of quality birds he had ever seen, he won 6 ribbons out of 8 entries, 3 being firsts. This is the second time he has made such a winning in Atlanta; and also the second time in succession he has cleaned the platter at Bristol.

The Maryville Show

"The show was a revelation to me," said Mr. Jas. B. Dismukes, of Knoxville, advertising manager of THE INDUSTRIOUS HEN. "There is some of as fine specimens here at this show as could be found in any show in the country. It clearly demonstrates one thing, and that is, that poultry is coming into its own in Blount County and coming fast. I predict that the next show will bring out 500 entries from Blount County alone."—Maryville Enterprise.

Poultryman Want Funds

Arkansas poultry breeders, backed by numerous poultry associations, are to make a state-wide demand to the coming legislature for annual appropriations to install and equip poultry departments at the State University at Fayetteville and the State Normal at Conway. This movement is not to be fathered by the particular city or locality, but will be pushed by every poultry breeder, farmer and poultry association in the State.

Macnair's Chicken Powder

is Life to Chickens and Turkeys;
Death to Hawks!

Cock of the Walk



I take Macnair's Chicken Powder and feed my children with it too. Look at me and observe the Hawk. Cock-a-doodle-doo.

"HAWK"

The Barn Yard Robber.



Died after eating a chick of that old Rooster, which had been fed on Macnair's Chicken Powder.

Alas! Alas!
(Trade Mark)

Macnair's Chicken Powder

Kills Hawks, Crows, Owls and Minks.

Best remedy for Cholera, Gapes, Roup, Limber Neck, Indigestion and Leg Weakness. Keeps them free from Vermin, thereby causing them to produce an abundance of eggs.

Price 25 and 50 Cents.

MANUFACTURED ONLY BY

W. H. MACNAIR, Dept. H, TARBORO, N. C.

Sample Package 25 Cents with
Your Dealer's Name.

Get the Incubator that Grows as Your Business Grows

You will find it cheaper to operate right now than any lamp-heated incubator, no matter how small a hatch you want to make. It will be immeasurably cheaper after a while, when you would have to operate a number of small incubators. Don't buy two, three or a half dozen incubators. There's a better way—more economical, with better results and a better chance to develop your poultry business and make it pay.

The **NEWTOWN** Little Giant Incubator

The capacity of the Newtown Little Giant is 1200 eggs. But that is only the beginning of what you can make it. It is the machine that is designed to grow as your business grows.

Capacity 1200 to 24,000 Eggs

There's hardly any limit to it. All you have to do is to add on a unit at a time (300 eggs) and you have your permanent hatching plant always equal to your requirements.

Burns Coal—Expense Almost Nothing

For a full hatch of 1200 eggs the cost for fuel is less than one cent a day. Compare this with the cost of operating lamp-heated incubators. Their cost averages 15 to 20 cents a day. Connect with any chimney, no trouble. No lamps to trim, or fill, or regulate. The wonderful Little Giant heater gives a more even heat, easier to regulate. Temperature is always uniform. No other heater like it.

Easy to Operate

Anyone can operate a Little Giant. Heating

and ventilation are absolutely automatic. **Attention to fuel only twice a day and the incubator largely runs itself.** Women and boys find it much easier to operate the permanent, coal-burning plant than lamp-heated incubators.

Requires Little Space

The entire incubator, including the heater, is only eleven feet long. Width and height 4 feet 8 inches. Everybody can find room for this permanent hatching plant.

Little Giant Brooding System

Corresponds with the incubator. May have same capacity and has same superior heating system. Possesses a great new feature in **different temperatures, for different hovers.** "Mothers" different aged chicks at the same time, and heats accordingly. Each hover has individual regulation.

No Trouble Setting Up Little Giants

You have no assembling or coupling up to do. We do all that in the factory and test every machine so we know it is ready for work. All you have to do is uncrate, put on the legs, and put it to work. We want to send you the Little Giant catalog. Write for it. There are great possibilities in poultry with a Little Giant permanent hatching plant. Our book will show them to you. Free. Write for it and don't buy an incubator of any kind till it comes. Ask for catalog K.

Newtown Producing Company, Newtown, Penna., U. S. A.

Water Fowl Club of America

The annual meeting of the Water Fowl Club was held in Madison Square Garden, New York City, Dec. 29, 1910. The following officers were elected for the ensuing year: president, Eugene Sites, Elyria, Ohio; vice-President, John C. Kriner, Sellersville, Pa.; state vice-presidents, same as last year. The membership fees and dues for one year are \$1.00. Send all communications to Clarence W. King, Romulus, N. Y., secretary and treasurer.

Single Comb **WHITE LEGHORNS** and **RHODE ISLAND REDS**

Heavy layers; eggs a specialty. Standard in size and color; good for business, beauty and for show. Eggs, \$1.50 a setting.

PINE BURR POULTRY FARM : Morristown, Tenn.

Single Comb **RHODE ISLAND REDS**

Eggs from our large, vigorous, winter-laying "Red Egg" strain. Packed to hatch after long shipment. Safe arrival and 75 per cent. fertility guaranteed. Circular.

RED EGG FARM, Box 647H, : : : : ST. PETERSBURG, FLA.

SINGLE COMB RHODE ISLAND REDS

PRIZE-WINNERS WHEREVER SHOWN

At Indianapolis, February 6-10, 1911, won 4th Cockerel in Hottest Class in Show.

PEN A—Headed by 1st Asheville cockerel scoring 93½ under Judge Drevendstedt. I purchased this bird from J. L. Hennessa, of Shelby, N. C. He is mated to 10 dark, even-colored females, good salmon under-color and red eyes. Eggs, \$5.00 per 15. **PEN B**—Headed by 4th Indianapolis cockerel, who also won 3d and headed 2d pen at Asheville, and 1st, and shape and color special at Morganton. Mated to 10 even-colored females, including 3d pullet at Asheville and 1st and 3d at Morganton. Eggs, \$5.00 per 15. **PEN C**—Utility mating, but same blood lines as Pen B, and should produce good birds, both as to type and color. Eggs, \$2.00 per 15.

J. P. POLK : : Box 742, Asheville, N. C.

FRANK'S Single Comb RHODE ISLAND REDS

Won best cockerel in show at Nashville, 1909; first cockerel, Memphis, 1910. Free catalogue giving many other winnings. Eggs, \$2, \$5, \$10 and \$15. Heavy Laying Strain.

JAS. M. FRANK, 204 Cherry St., Nashville, Tenn.

MAPLETON POULTRY YARDS

Are booking orders for eggs at \$2.00 per setting of 15, ready for delivery now. Also have a few fine cockerels left for sale. We breed only **GOLDEN WYANDOTTES** and are glad of it. Address **G. A. HARRISON, Proprietor**

MAPLETON POULTRY YARDS, Sta. B, Nashville, Tenn.
Member National Golden Wyandotte Club.

"RINGLET" BARRED PLYMOUTH ROCKS

At the Louisville Show, January, 1911, my birds won 1st pullet, 2d cockerel, 2d cock and 3d pen. Six grand pens mated to supply the egg trade at \$2 per 15; \$3.75 per 30; \$5 per 50. Incubator eggs, \$5 per 100 from large, vigorous, winter layers.

A. G. CALLAWAY : 38th and Market Sts., LOUISVILLE, KY.

FELMET'S S. C. BROWN LEGHORNS

WIN AT ALL THE BIG SHOWS

I won at Atlanta, Ga., Jan. 9-15, 1911, the "Madison Square Garden Show of the South," 3d cock, 2d and 3d hen, 4th pullet, 1st pen. At Asheville, N. C., I won 4 firsts, 2 seconds, 3 thirds, 3 fourths, and "Industrious Hen" cup for best pen in show, all varieties. Also cup for highest scoring cockerel in show. A few choice cockerels for sale. A few eggs from my best pens at reasonable prices.

W. V. FELMET : Prop. West Asheville Leghorn Yards : Asheville, N. C.

COVERT'S BARRED ROCK FARM

Stock and eggs for sale from celebrated Chicago, Buffalo and State Shows. **WINNERS:** Chicago Show, 3 pens entered—won 2d pen matings, 2d cockerel matings, 3d exhibition, 3d cock. Buffalo—3d, 4th, 5th cock; 2d hen and 1st cockerel; 2d and 3d pen; 1st cockerel receiving every special in the class. At Wooster, O.—2d, 3d, 4th cock; 1st cockerel; 3d and 4th hen; 1st pullet; 1st and 2d pen.

D. M. COVERT, R. 2, Box 9, Willoughby, Ohio

BLACK WYANDOTTES

"THE KRAYS OF THE DAY"

My plant contains practically all the prize winners from Madison Square, Cleveland, Boston, Chicago, Cincinnati and St. Louis Exposition. Booking egg orders. Send for free mating list.

FRANK C. SITES : : North Dover, Ohio

Barred Rocks, Light Brahmas and ALL Varieties



Farm raised and mated for best results. Our various breeds are bred to Standard requirements and can prove their merits in the show room and egg basket. **EGGS**—\$2.00 per 15, straight. We are also selling eggs from prize winners at \$3.00 and \$5.00 per 15.

KNOX POULTRY YARDS

Box 564, Knoxville, Tenn.



BANNERMAN'S ARMY AUCTION BARGAIN
\$114.00 SET ARMY POLE HARNESS \$21.95
Set Army Lead Team Harness \$17.95

Army Saddles	\$3.00 up
Army Shelter Tents	1.00 up
Army Uniforms	1.25 up
7-Shot Rifle Carbine	3.50 up
Old Side-Arm Pistols	3.50 up
Side-Arm Sword	.35 up

SEND POSTAL TO-DAY FOR FREE CIRCULAR

Largest Stock Government Auction Bargains in the world. 1 acre required for its storage. 384-page catalogue, over 4,000 illustrations of army and navy auction goods. Regular Military Encyclopedia. Mailed for 15 cents (stamp). ANVON, FLAGS, PISTOLS, RIFLES, SPEARS, DRUMS, Etc. **FRANCIS BANNERMAN, 501 Broadway, N. Y.**

Vote For Boston

Members of the American Poultry Association:

The Massachusetts Branch of the American Poultry Association, having invited the Association to hold its 36th Annual Convention at Boston, asks you to vote for Boston as the place of meeting when you mark your nomination ballot and use your influence with other members to do the same.

Since the organization of the association, New England has always been well represented at its meeting wherever held. Because of our extreme eastern location we do not expect the association to meet with us often. It is thirteen years since a meeting was held at Boston, and this was the only meeting held in New England in twenty-eight years. Members everywhere agree that it is about time for a meeting in New England.

Come, we will give you an ideal convention hall and the best of hotel accommodations at reasonable prices. We will show more that is of interest to poultrymen, and more of historical interest to Americans than can be found in any other city. But, we have a special reason for wanting the meeting this year.

Since the association was reorganized in 1907 you have four times honored our branch by choosing one of its members your president. His fourth term expires at the coming annual meeting. By meeting at Boston you will pay us a compliment we would highly appreciate. You will also enable us to add unusual interest to this meeting, and we will give you special features we are sure will please you. We New England members, having enjoyed the hospitality of those of other sections so

White Wyandottes

All of my breeders are above standard weight, pure white and line bred. Eggs, \$2.00 per 15. **H. E. MONTGOMERY, Meridian, Miss.**

Dixie Strain S.C.R.I. Reds Dixie Strain Houdans

If you want the very best first prize winners at largest shows in the South, place your orders for eggs NOW. For particulars and prices, write

DIXIE POULTRY YARDS, Stephenson, Ala.

WHITE ROCK WINNERS

My stock has shown its quality by winning in the hottest competition at the Appalachian Exposition, Knoxville, Tenn., Augusta, Ga., Greensboro, N. C. and Asheville, N. C. Thirty prizes, two silver cups and A. P. A. diploma for best cockerel in American class. Eggs for sale.

WM. H. BURCH, Box 850, Charleston, S. C.

200 Pages **GREIDER'S** 100 Illustrations **FINE CATALOG**

Best reference book of pure bred poultry, for 1911, over 200 pages. 57 large pictures of fowls in natural colors. Calendar for each month. Illustrations, descriptions, photos, incubators, brooders, information and all details concerning the business. Tells where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. In fact, it is the greatest poultry catalog ever published. Send 15c for this handsome book, postpaid.



THIS BOOK has guided hundreds of poultry raisers to success. Testimonials sent.

B. H. GREIDER, Box 101, Rheems, Pa.

much oftener than it is permitted us to return it, want to give you our very best when you come here. *Vote for Boston this year*, on the nomination ballot. A. C. Smith, president; J. H. Robinson, sec'y-treas. Massachusetts Branch, A. P. A.

Charcoal in the Poultry Yard

The beginner who keeps charcoal always before his fowls will save himself a great deal of trouble, provided he follows proper methods in other directions. Charcoal has the power of absorbing large quantities of gases and of neutralizing their effects. When fowls are given access to crushed charcoal they will eat large quantities of it and this not only keeps them healthy but it seems to have beneficial effects in other directions.

In most towns crushed charcoal for fowls can be bought and most supply houses and incubator manufacturers keep it on sale, but in the event that these sources of supply are not available it is quite easy to make a supply of charcoal for home use. Where corn is grown a good charcoal may be made

from corn cobs. Pile up dry cobs and set them afire and when they are a glowing mass of coal, extinguish the fire with water or, better, cover the pile with earth until the fire is smothered and let the cobs cool down. A very good substitute for charcoal is parched corn, which has been kept over the fire until it is thoroughly charred. The hens may not eat this readily at first but after they have become accustomed to it they eat it greedily.—*Poultry*.

Gold Medal on Barred Rocks

D. M. Covert, Willoughby, Ohio, on his first cock at Wooster, won the gold medal for the best male in the American class, silver medal for best male in the Barred Rock Class, and the State Diploma. How's that for quality?

Wins at Montgomery

Paul and Hubert Mason, Shellman, Ga., have certainly made some remarkable winnings this season. At the recent Montgomery show they made some heavy winnings on Buff and Black Orpingtons. These gentlemen are going to astonish somebody next season. They are rearing chicks from some of the finest matings in the country.

Sold Two Fine Birds

Mr. J. Betscher, of Canal Dover, O., sold two winning Barred Rocks at the Cleveland show for \$25 each, and is selling eggs from line-bred pullet and cockerel matings that will produce winners.

Black Wyandotte Winners

Mr. F. C. Sites, of North Dover, O., has in his pens this season his winners at New York, Boston, Cleveland, Chicago, Cincinnati and St. Louis. If interested in Black Orpingtons, write him.

S. C. BUFF ORPINGTONS

My birds are winners of the highest honors in the leading shows of the United States in competition with the world. I won silver cup special at Bristol, Tenn.-Va. Show, 1910, for best pen and special for highest scoring bird, any breed, on pullet at Chattanooga, 1911. Stock and eggs. Write for mating list and prices. Satisfaction guaranteed.

G. B. MOORHEAD : : Lynchburg, Tennessee

INDIAN RUNNER DUCKS, BUTTERCUP CHICKENS

My ducks won the ribbons at County Fair last fall at Newport. At the Morristown Show they won 2d prize, yet I was showing 4-months-old ducks against a \$25 pair of grown ducks. My strain is said by many to be the finest in the State. Eggs in season from exhibition or fine breeding stock at live and let live prices. Young ducks for sale after May. No stock for sale now. Satisfaction guaranteed or money refunded. A limited number of Buttercup eggs, from fine birds, for sale in season. Write me.

RIVERSIDE DUCK FARM, Ben Calfee, Prop. : : Route 7, Morristown, Tenn.

Callaway's S. C. B. MINORCAS

Best Layers—the Best Payers. Our winnings this season were phenomenal—winning on every entry and a special at Memphis. 3 firsts, 2 seconds and special for color and shape at Jackson, Miss. 3 firsts and 1 second at Greenville, Miss., on 4 entries. We have added 4 yards this season, making total of 10 yards of the best in the South. Yards all headed by prize-winners. Eggs, \$1.50 to \$5.00 per 15. A few cockerels left. Write for mating list.

G. E. CALLAWAY, Box 87, Oakland, Miss.

WILL MAKE HENS LAY

SOMETHING TO CROW ABOUT

"HEN-E-TA"

ABOUT 30% PURE BONE ASH
NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED
NO MORE BEEF-SCRAPS NEEDED
NO MORE CHARCOAL NEEDED
NO MORE OYSTERSHELLS NEEDED

100 LB. BAG \$2.35 150 LB. BAG \$1.50

ASK YOUR DEALER OR WRITE

HEN-E-TA BONE CO.

NEWARK, N.J. DEPT. 8 FLEMINGTON, W.VA.

HEN and CHICK

Wealth in Poultry

300 page book shows you. Illustrated. Teaches how to raise for profit. 200 vital subjects indexed. 20 disease cures. Book is worth \$5, mailed for 50c; or with "Industrious Hen" 1 year for 75c. Money returned if not satisfied. Circular and sample of "Industrious Hen," leading Southern poultry journal, FREE.

INDUSTRIOUS HEN CO.
KNOXVILLE, TENN.

How to Make Money Raising Poultry

Illustrated

PRICE 50 CENTS

Fac-simile of Cover Page

S. C. BUFF LEGHORNS

Eggs for sale from my prize-winning and heavy-laying strain at \$1.50 per 15; \$5 per 100. Cockerels for sale.

L. M. CLEVELAND, Washburn, Tenn.

BRED TO LAY

My twenty years of experience in breeding enables me to offer for sale some of the finest laying stock in America of my celebrated 200 eggs a year per hen strain of **BARRED ROCKS**. They are of the Parks, Thompson and Hawkins strains. Bred to perfection. Also finest **Pekin Ducks**. Catalog free.

D. S. HOUNSHELL, Crockett, Va.

1911 Catalog Free



Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

S. A. HUMMEL,

Box 39 Freeport, Illinois

White and Barred ROCKS

Robinson breeds two of the best strains of White and Barred Rocks. Eggs from choice pen, \$1.50 per 15; others \$1.00 per 15. A few nice cockerels for sale.

R. D. ROBINSON : White Hall, S. C.

S. C. R. I. REDS

My birds are from prize winning stock. Eggs and stock for sale. Write me your wants. Eggs, first pen, \$2.00; second pen, \$1.00 per 15.

A. T. CURRIER, Morristown, Tenn.



S. C. RHODE ISLAND REDS
Golden SEBRIGHT BANTAMS
PARTRIDGE WYANDOTTES

Eggs for sale at \$2 to \$3 per 15. Wyandotte cockerels for sale.

W. R. WILLSON
Route 5, McMinnville, Tenn.

FRENCH QUALITY REDS

New York, Boston, Detroit, Providence and Alaska-Yukon-Pacific Exposition Winners.
Grand lot of Cockerels and Pullets for sale, bred from these winners. Baby Chix after Feb. 15. Send
R. S. FRENCH, Flushing, Michigan.



Morris' "Ideal" White Wyandottes

Again prove their superiority at the great "Madison Square Garden Show of the South," held in Atlanta, Jan., 1911, winning—1st and 3d cock; 1st and 3d hen; 1st, 2d and 5th cockerel; 1st and 2d pullet; 1st and 5th pen; silver cup for best colored White Wyandotte male; silver cup for best pen White Wyandottes; silver cup for best display of the show; silver cup for sweepstakes hen of the show. What better proof could you ask? Winning twice as much as all my competitors. My matings are fine and there is no better place to get the best than from

M. F. MORRIS

Box 255, Atlanta, Georgia

..BATCHELOR FARM..

M. B. TURKEY EGGS, 50c Each; 12 for \$5.00.

PRIZE-WINNING MINORCAS PEN 1—Cock that won 1st at State Fair, 1908, and four prize-winning hens. Eggs, \$5.00 per setting of 15. PEN 2—1st prize cock at Jefferson County Poultry Show, 1910, and six fine pullets. Eggs, \$3.00 per 15. PEN 3—4th prize cockerel at Jefferson County Poultry Show, 1910, and four fine hens. Eggs, \$3.00 per 15. **Pure Pekin Duck** eggs, \$1.25 for 12; 24 for \$2.25. Only a limited egg supply.

MRS. T. E. BATCHELOR & CO.

Could Sta., Avery, Arkansas

S. C. White LEGHORNS

If you want to win at the early fall shows, get your eggs now. My birds have made a wonderful record in the show rooms. Are extra large and heavy layers. Booking orders now for early hatched pullets. Catalogue giving winnings and prices free.

CHEROKEE WHITE LEGHORN FARM, Box B, Center, Ala.

Dr. S. C. Tatum, Proprietor

A. L. Ball, Manager

Oak View Poultry Farm

EGGS FOR SALE

S. C. BLACK MINORCAS—Pen No. 1, per 15, \$4; Pens No. 2, 3, 4, 5, per 15, \$2.50.

S. C. BUFF and WHITE ORPINGTONS—\$2.50 per 15.

S. C. BLACK ORPINGTONS—\$3 per 15.

E. A. HAM : Route 1, Raleigh, Tennessee

Champion Partridge Rocks

MADISON SQUARE GARDEN 1906-1907- 908-1909-1910

Again we prove our superiority by winning 3 firsts and 2 seconds—more than all our competitors combined. A few birds to spare. We have mated up ten pens for our egg trade. Write for mating list.

HILLCREST FARMS, Wm. F. Fotherall, Prop.

Box 5, Oakford, Pa.

BLUE GRASS STRAIN WHITE ROCKS

"Blue Grass Strain" of White Rocks' foundation was secured from two of the best breeders in the world—J. C. Fishel and Owen Farms. Forty choice cockerels for sale at a bargain. We are prepared to take care of heavy egg business and have six grand pens mated. Write for prices.

R. L. JAMES, Box I, Lexington, Kentucky

Reynolds' White PLYMOUTH ROCKS

THE BEST IN THE WEST

Winners at Cleveland, Ohio State Fair, Omaha, Topeka, Hastings, and in fact all the big shows where "Quality" talks. All my best pens are headed by winners at the late 1910-11 shows. If you want exhibition birds, breeders, utility flocks, eggs for hatching or baby chix, it will pay you to write me as I give my whole time and attention to this one breed. Ship on approval and satisfaction guaranteed. **LARGEST Exclusive Breeder of WHITE ROCKS in the WEST.** Express paid on Baby Chix, and safe arrival guaranteed. Eggs from best matings—\$5 per 15; \$25 per 100. Write for my illustrated catalogue.

C. M. REYNOLDS : : Box K, Fullerton, Nebraska

Life member American Poultry Association and White Plymouth Rock Club.

Orangeville Poultry Yards

The Orangeville (Pa.) Poultry Yards, whose advertisement appears in this issue, by proper mating, have been successful in building up a heavy laying strain of S. C. Rhode Island Reds and White Wyandottes from show quality birds. Their Red hen layed in 9 months 201 eggs; their snow white pullet has averaged, since her first egg October 2, 25 eggs monthly. Good consistent laying. Write them for circular describing their matings and the "business hen."

Kind of Hens That Are Best Layers

"Chickens with short toe nails are the best egg layers," said Professor J. E. Rice, poultry expert for Cornell University. "These chickens have short toe nails" he said "from continuous scratching for food, and a chicken that is constantly scratching for food is sure to be industrious."

Miller's Partridge Rocks

Mr. H. C. Miller, of 751, Elma St., Akron, Ohio, is booking orders for eggs from his high-class Partridge Rocks, and if interested, write him.

WANTED

Furs, Hides, Wool, Beeswax, Cow Peas, Ginseng, all kinds of Roots and Herbs. Write for free price list.

J. E. HARRIS

109 W. Jackson Avenue

KNOXVILLE, TENN.

S. C. WHITE LEGHORNS

(Exclusively)

WYCKOFF-WILBER BROS. STRAIN

Heavy layers; standard-bred; large, strong and vigorous. Eggs from select matings, \$1.00 per setting of 15.

EDWARD MONTGOMERY, Knoxville, Tenn.

White PLYMOUTH ROCKS

Have shown their quality by winning in the hottest competition at Memphis, Tenn., and Jackson, Miss. Some cockerels that must be sold—\$5 and \$8 birds—at \$2 and \$3.50. Can spare some good hens and pullets. Eggs from mating that are sure to produce winners at \$2 per setting.

W. S. POPE Venora, Miss.

FIRST HEN and COLOR SPECIAL on BARRED ROCKS

at Cleveland, 1911, in the largest class ever shown there. EGGS—\$3 per setting. Stock.

F. A. STARR

New Falls : : : Ohio

S. C. Buff Orpington Eggs

FROM THREE SELECTED PENS

Eggs this season at \$1.00, \$2.00 and \$3.00 per 15. Send in your order at once.

J. D. BUSH, New Decatur, Ala.

"Only" Rose Comb Rhode Island REDS

Won again at Great Hagerstown Show, Oct. 1910: 2d and 3d cock; 2d hen; 3d cockerel; 2d, 4th and 5th pullet, and 1st pen. This with my winnings heretofore certainly prove that I have Reds of great quality. Write your wants. M. C. RICHARDSON, JR., Member of Red Clubs, Front Royal, Va.

S. C. BUFF ORPINGTONS

Winter egg producers. Two ribbons out of six entries at Alabama State Fair, my first show. Eggs for sale now. **FRED S. FLETCHER**, 320 South 59th Street, Birmingham, Ala.

S. C. BUFF ORPINGTONS

WINTER LAYERS. Birds of Standard weight and type. Mating List free.
WAYNE ORPINGTON YARDS, Fort Wayne, Ind.

S. C. Buff Orpingtons

Exclusively. Stock and eggs for sale in season. Won 1st hen, 3d cock, 4th cockerel at Bristol, 1910.

C. H. TRAMMELL
328 Seventh St. BRISTOL, TENN.

ANDERSON'S PEERLESS WHITE LEGHORNS

Won at Spartanburg's Big January Show—4th cock and 4th hen; 1st and 3d cockerel; 3d, 4th and 5th pullet; 2d pen; cup for best display. 83 Leghorns in class. Eggs \$2 and \$3 per 13. Indian Runner Duck eggs, \$1.25 per 11.

C. W. ANDERSON : Spartanburg, S. C.

50 Choice R.C.R.I. REDS

The kind that stay red. Winners at State Show, Springfield, Ill., 1910-11. First prizes; color special on color and shape, cockerel and pullets. Write me.

J. L. BROCK : Bethany, Illinois

WHITE Plymouth ROCKS

(No One has a Better Strain.)

Place your orders for eggs now. A few cockerels for sale. Send for free circular.

J. SION SMITH & CO.
Elmwood Avenue FT. WAYNE, IND.

EGGS FOR SALE!

White Orpingtons, Black Langshans, Light Brahmas and S. C. R. I. Reds, \$1.50 per setting of 15.

Orpington pen is headed by Kellerstrass strain; Langshans direct from Virginia Secretary Black Langshan Club; S. C. R. I. Reds headed by 1st and 2d cockerels at Harrisonburg, Va. Place your order now.

D. R. JAMES, JR., White Stone, Va.

COLUMBIAN WYANDOTTES

winnings at Knoxville, Tenn.,—1908, 1st pullet, 2d cockerel; 1910, 1st, 2d, 3d, 4th hen; 3d, 4th cockerel; 2d pen.

EGGS—\$1.50 and \$3 per 15.

A. C. SNODDY, Newport, Tenn.

COLUMBIAN WYANDOTTES

Are unsurpassed for beauty and utility. My winnings at the recent Charlotte Show were 1st, 3d and 4th hen, and 2d, 3d and 4th cockerel. Stock and eggs for sale.

A. P. WHITE : : **CHARLOTTE, N. C.**

Single Comb WHITE ORPINGTONS**Cook's Strain---THE KIND THAT WIN**

Have won wherever exhibited, and that isn't all—they are veritable egg machines. From August 1, 1910, to January 1, 1911, have averaged over 65 per cent. egg yield, and for the month of January, 70 per cent. **EGGS—\$3.00 per Setting.**

TRIPLE "T" POULTRY YARDS **A. C. TUVESON**, Proprietor
58 Fulton St., Asheville, N. C.

Sander's WYANDOTTES**BLACK and WHITE**

BLACKS—I won 1st cockerel and 1st and 2d pullet at Chattanooga, January, 1911. No stock for sale. **EGGS—\$3 and \$5 per setting of 15.** **WHITES**—Some good stock for sale. **EGGS—\$1.50 per setting of 15; \$6 per 100.**

S. H. SANDERS **R. 1, Nashville, Tenn.**

Shortage and You Must Advertise

There seems to be a great shortage in the poultry crop for this year which will make a demand for about everything in the pure bred line that anyone has. If you are in the work and have some good stock for sale don't fail to advertise it, for there are many people ready to buy at reasonable prices whatever you have to offer. State in your advertisement just what you have for sale and at what price. You will be surprised at the replies that you will receive. You yourself may be one to answer a similar advertisement, for the party advertising may have just what you want to buy to add to your own poultry plant. It may be a cockerel to introduce new blood. It may be an old male bird or some yearling hens. Advertising will help you to dispose of your surplus stock, and someone will be very glad to get them.

An Enthusiastic Breeder

One of the most enthusiastic poultry breeders **THE INDUSTRIOUS HEN** representative met at the Cleveland show was Mrs. M. A. Dougherty, of the Avery Poultry Yards, of Avery, Ohio. She makes a specialty of Indian Runner Ducks.

Barnyard Pathos

She laid the still white form beside those which had gone before. No sob, no sigh, forced its way from her heart, 'hobbling as though it would burst. Suddenly a cry broke the stillness of the place—one single, heart-breaking shriek; then silence. Another cry; more silence. Then all silent, but for a guttural murmur, which seemed to swell up from her very soul. She left the place. She would lay another egg to-morrow.—*Princeton Tiger.*

KNOX COLLIE KENNELS

BREEDERS OF THOROUGHBREED

Scotch Collies,
Airedale Terriers
and Great Danes

Correspondence solicited for future bookings. Every pup subject to registration. An interesting folder on Airedales free.

KNOX COLLIE KENNELS, Knoxville, Tenn.



(LEVER SEAL PRESS)

SEAL PRESSES

All kinds, all prices. From **Lever Seal Presses at \$1.50 to \$2.50 to Notary Aluminum Pocket Seal Presses at \$3.00.** Also Poultry Printing, Rubber Stamps and Stencils. : : : :

S. B. NEWMAN & CO.
KNOXVILLE, TENNESSEE



(POCKET ALUMINUM SEAL PRESS)

S. C. BUFF LEGHORNS

THE QUALITY KIND

ROBERT P. ADAMS

R. F. D. 1, Lynchburg, Va.

**SPRATT'S
DOG CAKES**

ARE THE BEST and CHEAPEST

Send Stamp for "Dog Culture"

SPRATT'S PATENT, Ltd.Fact. and Chief Offices at Newark, N.J.
Depots at San Francisco, Cal.; St. Louis,
Mo.; Cleveland, Ohio; Montreal, Canada.**Awards at Leading Southern Shows****The Atlanta Show**

The Atlanta show, held under the direction of the *Atlanta Georgian*, was probably the largest winter show held in the South this season. We refer our readers to another column for a report of the show, but the awards follow:

Barred P. Rocks—Tannenbaum Farms, Willoughby, Ohio, 4ck; 3pul. Julian McCamy, Dalton, Ga., 3ck; 2,4hen; 4pen. MHCollins, Fairburn, Ga., 1ck; Pike Poultry Farm, West Point, Miss., 5ck. Pearl River Poultry Farm, Pearl River, La., 3hen; 3ckl. REGriffin, East Point, Ga., 5pen. TDSmith, Knoxville, Tenn., 2pul. Standard Poultry Yards, New Orleans, La., 2ckl; 1,5hen; 1,4pul. Belmont Farms, Smyrna, Ga., 2ck; 2pen. Dyson Poultry Farm, Marietta, Ga., fourth cockerel. *White P. Rocks*—W. B. Hardman, Commerce, Ga., 3ck; 2pen. JPPatterson, Fitzgerald, Ga., 5ck; 2ckl; 3hen; 2,5pul; 4pen. MrsIMHart, College Park, Ga., 5pen. WmHBurch, Charleston, S.C., 2hen; 4pul; 3pen. JMKarwisch, Atlanta, 5ckl.

Frank J. Call, Atlanta, 2,3ck; 4,5hen; 1,3pul; 1pen. COHarwell, Atlanta, 1ckl. RGHook, Atlanta, 4 ck. *Buff P. Rocks*—Hardscramble Farm, Hapeville, Ga., 1ck; 2ckl; 4hen; 3,4pen. AR&CRDyer, Atlanta, 3pul. CBHine, Forest Park, Ga., 4pul. Walter I Hames, Newnan, Ga., 3hen; 2pul; 5pen. Dyson Poultry Farms, Marietta, Ga., 4,5ckl. Wonderland Poultry Farm, South Kirkwood, Ga., 2ck; 1,2,5hen; 1,5pul; 1,2pen. *Buff Orpingtons*—JLAlley, Midway, Ala., 1,4ck; 4,5hen; 2,5pul. OAMuse, Decatur, Ga., 2ck; 1hen; 4pul; 5pen. J P Layfield, Columbus, Ga., 2pen. EWKirkpatrick, Decatur, Ga., 4pen. WmCook&Son, Scotch Plains, N.J., 3ck; 2ckl; 2hen; 3pen. VAHam, Newnan, Ga., 1,3,4ckl; 1,3pul; 1pen. MrsEKLumpkin, Athens, Ga., 5ck. MrsLLUpson, Athens, Ga., 3hen. WBHardman, Commerce, Ga. 5ckl. *Columbian Wyandottes*—Tannenbaum Farm, Willoughby, Ohio, 1,3ck; 2,3ckl; 1,5hen; 3pul; 2pen. JH McDannell, Warsaw, Ky., 1ckl; 2hen; 1pul. RSGuess, Augusta, Ga., 1pen. Morris Farm, Clarkston, Ga., 2ck; 4hen. WJLoyd, Chattahoochee, Ga., 4ck; 4ckl; 3hen; 2pul. S. C. *White Leghorns*—Belmont Farm, Smyrna, Ga., 4ckl; 1pen. OBoyle, Atlanta, 2ckl. WSWatson, Atlanta, 5pul. Bruce Bros, Crescent, La., 2ck; 3ckl; 2hen. WHBurch, Charleston, S.C., 3pen; TDSmith, Knoxville, Tenn., 5ck; 3hen; 2pul. BFHart, College Park, Ga., 5ckl; 5hen; 4pen. Gray's Leghorn Yards, Carrollton, Ga., 3ck; 4hen; DMWeems, Luella, Ga., 3pul. JF Childress, Sweetwater, Tenn., 1,4ck; 1ckl; 1hen; 4pul; 5pen. Mrs Florence Forbes, 2pen. *War Horse Games*—Kimballville Farm, Atlanta, 1 ck; 2hen. *Pit Games*—JMSlaton, Atlanta, 1,3 ck; 1,2oul; 2pen. Carlisle Cobb, Athens, Ga., 1ck. Henry Jackson and Robert Maddox, Jr., Atlanta, 1,3pen. *Shawnee Games*—FERadens, Cedar City, 1,2ckl. *Cornish Indian Games*—WHTyree, Atlanta, 5ck. Fwell Gray, Atlanta, 2, 3,4,5hen; 3,4ck; 4oen. ABWoodfin, Atlanta, 1pul; 3pen; 2ck. EPO'Connor, Macon, Ga., 1 hen; 2,3pul; 1ck; 1pen. RHWoodward, Talladega, Ala., 1ckl. WHMcLarty, Douglasville, Ga., 2pen. *Blackbreasted Game Bantams*—Dr. WCCleckley, Augusta, Ga., 1ck; 1ckl; 1hen; 1,2pul; 1oen. Wonderland Poultry Farm, South Kirkwood, Ga., 3ck; 2hen; 2pen. Carlisle Cobb, Athens, Ga., 2ck; 2ckl. *Redbill Game Bantams*—Wonderland Poultry Farm, South Kirkwood, Ga., 1ckl; 1pen; 1pul; 2,3ckl; 2hen. Belmont Farm, Smyrna, Ga., 2ck; 3hen; 2pul. Dr. WCCleckley, Augusta, Ga., 1ckl. *Indian Runner Ducks*—JLReinhardt, Colbert, Ga., 1,2,4 ck; 5hen. WEBailey, Commerce, Ga., 5ck; 3,4 hen; 5pen. *Silver Laced Wyandottes*—MrsJM Hart, College Park, Ga., 1pen; EPO'Connor, Macon, Ga., 1ck; 1hen; 1pul. *White Orpingtons*, S. C.—MrsLLUpson, Athens, Ga., 2pen. WmCook&Son, Scotch Plains, N. J., 2ck; 2,4 ckl; 4pul; 3pen. Kimballville Farm, Atlanta, 4ckl; 2oul; 5pen. DrCLPaskin, Temple, Ga., 5ckl; 4hen. Crvstal Yards, Oakwood, Ga., 3 ckl. TFWoodruff, Temple, Ga. 5ck. CADobbs, Gainesville, Ga., 1ck; 1ckl; 3hen; 1pul; 4hen. TTHarlee, Chattahoochee, Ga., 3,4ck; 1,2 hen; 3,5pul. *Blue Andalusians*—Standard Poultry Yards, New Orleans, La., 1ck; 1,2,3,4hen. *African Geese*—Kimballville Farm, 1 ck; 1 hen. *White Langshans*—MrsCBBidwell, Atlanta, 1 pen. *Rose Comb Leghorns*, Brown—CABanks, Social Circle, Ga., 2pen. S. C. *Buff Leghorns*—HHMurray, Newnan, Ga., 1pen. *White Indian Games*—MEKenedy, Temple, Ga., 1hen; 1ck. R. C. R. I. *Reds*—JRMeredith, Atlanta, 1,3ckl; 2hen; 3pul; 1pen. Dr.WBHardman, Commerce, Ga., 2ckl; 1hen; 1,2pul. S. C. R. I. *Reds*—CADobbs, Gainesville, Ga., 4,5ck; 3hen; 1oul; 1,2pen. Dr.WBHardman, Commerce, Ga., 1,3ckl. TWMartin, Decatur, Ga., 4,ckl; 5hen; 2oul. JIWallace, Dalton, Ga., 1ck; 2ckl; 3pen. JHPerrin, Meridian, Miss., 1hen. Standard Poultry Yards, New Orleans, La., 2 hen. Belmont Farm, Smyrna, Ga., 3ck; 4hen; 3,5pul; 4pen. *Muscovy Ducks*—Belmont Farm, Smyrna, Ga., 1,2ckl; 1,2hen; 1,2pul; 1pen. *Houdans*—Kimballville Farm, Atlanta, 1 oen. S. C. *Black Minorcas*—CHLedford, Atlanta, 1 ck; 1,4ckl; 1,3hen; 1,3pul; 1pen. MrsEABeach, Atlanta, 2ck; 1hen. MrsJM Hart, College Park, Ga., 3ck; 2ckl; 4pul; 2pen. Mrs.MRPorter, Nashville, Tenn., 5ckl; 2hen; 2pul. JRBrooks,

S. C. R. I. REDS and S. C. WHITE LEGHORNS

Heavy Layers and First Prize Winners in Strongest Competition

Matured stock for sale. Egg orders booked now for future delivery, also orders booked for Day-old Chicks from 25 to 1,000. **Two nicely marked litters of pedigreed Scotch Collie Puppies ready to ship.** Inquiries promptly answered and everything guaranteed satisfactory or your money back.

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At the great Mississippi State Fair, Jackson, 1910, won 1st, 3d and 4th cockerel, 1st and 2d pullet, 1st pen and color special. Also winners at the Tri-State Fair, Memphis, Tenn. Satisfied customers all over the South. New yards added for 1911, containing **nothing but the best.** Stock all sold. Could sell 1,000 more. Mating list ready January 1st, 1911.

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Winning Line-Bred Stock Only three pens mated, but they are the cream of our flock. If you want the bluest blood in Orpingtondom, order a few of our eggs and **do it now.** First test this season shows over 82 per cent fertility. Detailed mating list giving description of stock mated upon application. Delivery after Jan. 1st, 1911. Orders being received daily and supply will be limited. Better get in on these.

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Won at Maryville, Tenn., Jan. 25-27—1st cockerel; 1st, 2d, 3d, 4th pullet, 1st pen. Eggs from these birds, \$1.50 per 15. Satisfaction guaranteed or money refunded.

BEN ATCHLEY, Chandler, Tenn.

Atlanta, 3 pen. Forrest Adderlin, Flowery Branch, Ga., 3ckl. JNephey, 3,4ck; 4hen; 5pul. Morris Farm, Clarkston, Ga., 4pen. *Buff Orpington Ducks*—Miss Carrie Kemp, Marietta, Ga., 1ck; 1pul. *Pekin Ducks*—Kimballville Farm, 1ck; 1hen. *Golden Duck Wing Game Bantams*—Carlisle Cobb, Athens, Ga., 1ckl. *White Muscovy Ducks*—Woodhaven Farms, Atlanta, 1ckl; 1hen; 1pul.

SPECIALS

Best colored Buff Rock male—Hardscrabble Farms, Hopeville, Ga. Best colored Barred Rock male—Belmont Farms, Smyrna, Ga. Best colored White Rock male—C. O. Harwell, Atlanta. Best colored Rhode Island Red male—W. B. Hardman, Commerce, Ga. Best colored Wyandotte male—Morris Farm, Clarkston, Ga. Best colored Brown Leghorn—Mrs. Florence Forbes, New Decatur, Ala. Best colored White Leghorn male—Grey's Leghorn



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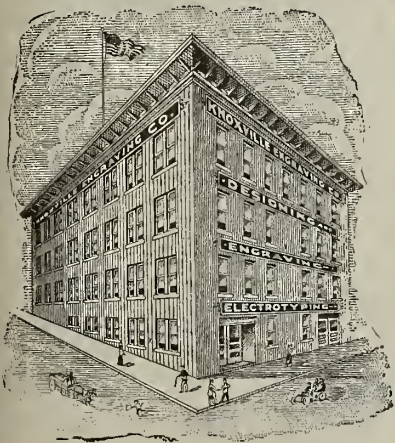
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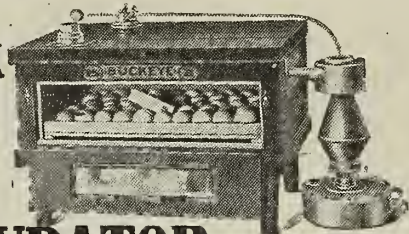
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Yard, Carrollton, Ga. Best colored Black Orpington male—Rose Hill Poultry Yards, Decatur, Ga. Best colored white Orpington male—C. A. Dobbs, Gainesville, Ga. Best colored White Wyandotte male—M. F. Morris, Atlanta. Best Buff Orpington male—O. A. Muse, Decatur, Ga. Best pen Black Breasted Red Game Bantams—Dr. W. C. Cleckley, Augusta, Ga. Best Buff Cochins hen in show—Wonderland Poultry Farm, South Kirkwood, Ga. Best Black Breasted Red Game Bantam pullet—Dr. W. C. Cleckley, Augusta, Ga.

SWEEPSTAKES.

Best cock in show—Black Orpington, A. V. Clifton, Athens, Ga. Best hen in show—White Wyandotte, M. F. Morris, Atlanta. Best cockerel in show—White Rock, C. O. Harwell, Atlanta. Best pullet in show—White Rock, C. J. Coll, Atlanta. Best pen parti-colored birds—Barred Plymouth Rocks, Tannabum Farm, Willoughby, Ohio. Best pen solid color birds—Single Comb White Leghorns, Belmont Farms, Smyrna, Ga.

The Louisville Show

The awards of the Louisville Poultry Show, held January 19-25, by the Louisville Poultry and Pet Stock Association, are published below. The entries were so large that the association was compelled to double deck the exhibits, and the capacity of the show room was taxed to the utmost. Owing to the excellent weather prevailing, the attendance was heavy and the show was a great success financially. The quality of the birds was of the best and resulted in the keenest competition, the judging being by comparison. Barred and White Rocks, White Wyandottes and Single and Rose Comb Reds were

LAYERS and WINNERS

WHITE WYANDOTTES

I have won at Birmingham and Montgomery, Ala., and Meridian, Miss., this year and last. Eggs \$2.00 and \$4.00 per setting. **MAMMOTH PEKIN DUCKS.** The largest in the South; never beaten. Eggs \$1.50 per 11.

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Blue Ribbon Winners. Ten years experience in breeding this strain. The best for utility; lays the year around; the fowl for farmer and fancier alike. Don't wait until late in the season; order now and get the choice birds.

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Eggs for Hatching

Barred and White Rocks, \$1.50 per 15, \$2.50 per 30. My Barred and White Rocks are bred from the best strains in the world. Write wants.

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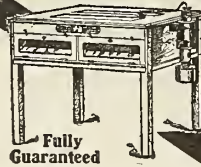
in great abundance. We are indebted to Mr. Pendleton Pope, of the well-known firm of Pope & Pope, who was superintendent, for the report of the show. The winnings follow; Judge Lane placing the ribbons:

Barred Rocks—Bellevue Pity. Yards, Harrod's Creek, 1ck; 2hen; 3ck; 3pul; 2pen. Pope & Pope, Louisville, 1,4ck; 2,4pul; 3,4 cock; 1,3,4hen; 1pen. AGCalloway, Louisville, 2ck; 2ckl; 1pul; 3 pen. **White Rocks**—Guy Dailey, Jeffersonville, Ind., 1,2,3,4ck; 1,4hen; 1,2,3ckl; 1,2,4pul; 1,2, tie4pen. MrsASSparks, Buechel, 3hen. ACHughes, Atoka, 3pen. JB Vissman, Louisville, 2hen; tie4pen. **White Wyandottes**—ELMcKinster, Corydon, Ind., 1 ck; 1,4hen; 2,3ckl; 2,3,4pul; 1pen. CAHess & Son, Louisville, 1pul; 2,4ck; 3hen; 2pen Mrs ASSparks, Buechel, 2hen; 4ckl; 3pen. **Buff Wyandottes**—TJWessen, Swedley, Ind., all awards. **Portridge Wyandottes**—Jas. F Veech, Louisville all awards. R. C. R. I. Reds—HC Moeller, Louisville, 2ck; 2,4hen; 2pen. Geo HBack, Shively, 3hen; 2ckl. WHWilson, Louisville, 3ckl; 3pul. JTSmith, Louisville, 4pen. D & D Poultry Yards, Louisville, 1pul. JABowler, Highland Park, 3ck. Peyrat & Roy, Jeffersonville, Ind., 4ck; 1hen; 1,4ckl; 3pul; 1,3pen. S. C. R. I. Reds—MrsJasFVeech, Louisville, 3ck. PhilTGerman, Louisville, 2ck, 3pen. Dr. Jno.B.Richardson, Louisville, 3hen; 1,2ckl; 1 pul; 2pen. DBWalker, Orleans, Ind., 1ck; 2,4 hen; 2,3pul; 3ckl; 1pen. JasCHerbert, Louisville, 1hen. Good & Paxton, Louisville, 4ckl. **Silver Wyandottes**—JCGreen, Lucas, 1ckl; 1,2 pul; 1,2hen; 1pen. JasTShort, Louisville, 1 ck; 3,4hen; 3,4pul, 2pen. **Columbian Wyandottes**—APRawson, Louisville, 1 ckl; 2,3,4pul. GJReibert, Louisville, 1ck; 1hen; 1pul, 2ckl. S. C. **White Leghorns**—CRBusath, Buechel, 1,2 hen, 2ckl, 2pul; 1pen. A&W.Sutterlin, Louisville, 3,4hen. LBCrowder, Louisville, 3ckl;

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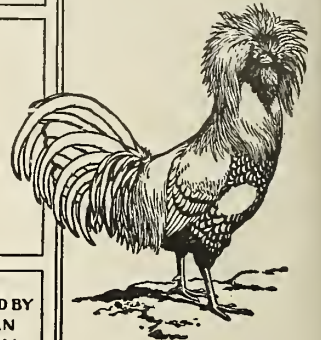
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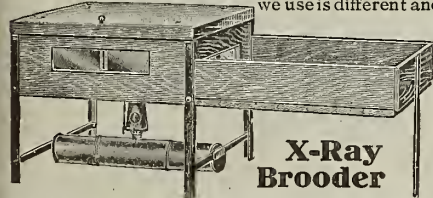
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First—the X-Ray Incubator lamp is right square in the center, where it should be—not on the side. Thus there is no cold side. Thousands of thermometer tests show that the temperature is exactly the same all through the egg-chamber always. By placing the lamp underneath we can equip the X-Ray with a big oil tank—holds 4 to 8 quarts of oil—but only 4 quarts are needed to a hatch—we guarantee it. Here's why. Our automatic trip cuts down the flame when necessary—others burn high all the time and let excess heat escape. You never touch the regulator on the X-Ray. It's automatic—the most perfect regulating device ever invented. But that isn't all. Not alone do we save you two-thirds of the oil—and do away with filling the lamp every day.



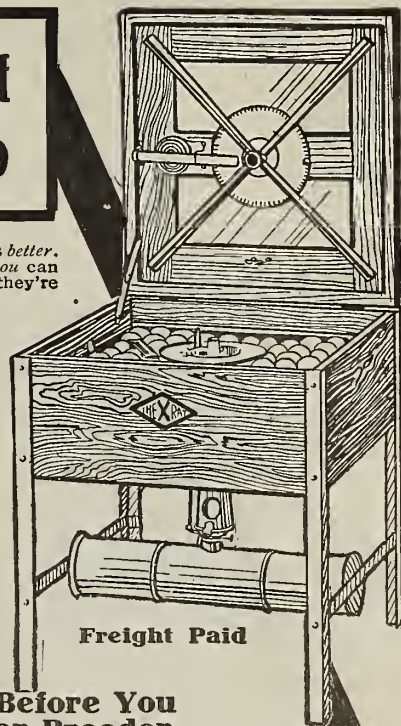
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has its door at the top—with two double-glass panels. Simply raise the lid to ventilate or to turn eggs. Eggs are never taken out of incubator. And you can see the thermometer every minute without opening any door. Look right through the glass at the top. Even the thermometer we use is different and better than any other. You should know all the facts about this wonderful X-Ray Incubator and X-Ray Brooder. So many advantages over all others that they're worth knowing about. You'll agree with us after you know what X-Rays have done.



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Read all the facts. See beautiful color-illustration of X-Ray Incubator. Read how well it's made. Best of materials—genuine California Redwood, all enameled—steel covered, beautiful Rosewood finish, bottom and all. Legs galvanized steel, thoroughly braced and guaranteed to stand five times the weight ever necessary. We'll send you our low price for this incubator—the only one that's right. We'll let you prove it yourself by giving you time to try it for three hatches. You will find it just as we say. You'll never give it up after you know what it does. Send us your name and address on a postal right now. Ask for interesting book No. 25. Address now—

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Aug. Holzknight, Louisville, 1ckl; 1,2pul. Lt. Brahmas—SLRhea, Fisherville, all awards. Blk. Langshans—MVileyOffutt, Georgetown, 1ckl; 1,3hen; 4pul; 2,4pen. JCSchoeffel, St. Matthews, 2ckl; 1ckl; 3pen. MrsBFJackson, Eminence, 2,4hen; 2,3,4ckl; 1,2,3pul; 1pen. Pekin Ducks—Mrs. B. F. Jackson, Eminence, all awards. Indian Runner Ducks—SLRhea, Fisherville, 1 old drake; 1 young drake; 1 old hen; 2 young hen. WWBates, New Albany, Ind., 2 old drake; 2 young drake; 2 old hen; 1 young hen. Narragansett Turkeys—SLRhea, Fisherville, all awards. Bronze Turkeys—MrsJFDale, Barlow, all awards. Houdans—Harry Swedley, Louisville, all awards.

The Charlotte Show

We are indebted to Mr. O. T. Hallman, Southern representative of the Reliable Poultry Journal for the awards of the show held December 28-30, 1910, under the auspices of the Charlotte Poultry and Pet Stock Association, which are as follows:

Anconas—DrJC McCombs, Stanley, N. C., all awards. Dark Brahmas—CMNolen, Gastonia, all awards. Light Brahmas—John A Pons, Asheville, 1ckl; 1,4hen; 2ckl; 2pul; 1 pen. RL Gill & Sons, Spencer, 2ckl; 3hen. J KAAlexander, Charlotte, 3hen; 1,4ckl; 1,3pul; 2pen. MrsCWBest, Charlotte, 2hen. Buff Cochins—WNWatson, Sunbury, Pa., 1ckl; 2 pul. CWBest, Charlotte, 1,2ckl; 1,2hen; 3,4 pul. Silver Spangled Hamburgs—Carroll Menefee, Sperryville, Va., all awards. Bl. Langshans—JHMilligan, Augusta, Ga., 2ckl; 3hen; 1,2,3,4,5pul; 1pen. RL Gill & Sons, Spencer, 1ckl; 1,2,4,5hen; 2pen. S. C. Brown Leghorns—WRBowers, Baltimore, Md., 2ckl; 3hen; 1ckl; 2pul. EPScholtz, Charlotte, 1ckl; 1,2,4 hen; 2ckl; 4pul; 1pen. Mrs W R McCalla, Charlotte, 1,3,5pul. DLMiller, Hickory, 3ckl. S. C. White Leghorns—JohnJayCohen, Augusta, Ga., 1ckl. GeoEBisanar, Hickory, 3ckl; 1,2ckl; 1pul; 2pen. ChasCColtran, Greensboro, 2pul; WRTodd, Richmond, Va., 2ckl; 3hen; 3ckl; 4pul; 3pen. LHReade, Highland Park, Va., 4ckl. DAHodge, Granite Quarry, 5pul; 4pen. OTHallman, Charlotte, 4ckl; 1,2hen; 5

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"The Best Yet for Every Purpose." Winnings at Macon 1910: 1st pen, 1st cockerel, 2d and 3d Pullet. Eggs from these birds, \$3.00 per 15; others, \$1.50. If you are not satisfied, "kick."

WALTER M. ROGERS, Ocilla, Georgia

EGGS THAT WILL HATCH

S. C. Rhode Island Red Winners

\$1.50, \$2.50 and \$3.00 per 15.

The test of the show room is my proof of quality.

EUGENE L. MAGRI -:- Box 305, Lynchburg, Va.

BETHANY POULTRY FARM

BREEDERS OF EXTRA FINE

White and Silver-Laced Wyandottes White and Barred Plymouth Rocks

OUR birds are prize winners and excellent layers, with egg records of 244 eggs per year. No better stock in America. Eggs for hatching from birds that meet the Standard requirements. Our prices are conscientious ones—\$1.50 per 15, \$3.00 per 40, \$6.00 per 100. Send your order early. We will ship it when you request us to do so. Prompt shipment and safe arrival. Courteous treatment assured.

BETHANY POULTRY FARM : Box 145 : Valparaiso, Ind.



KNIGHT'S S.C.W. LEGHORNS and B.P. ROCKS

For several years have been bred from both a UTILITY and FANCY standpoint. THEY ARE MONEY MAKERS Breeding stock and eggs—prices according to quality. Satisfaction guaranteed and correspondence gladly answered. References: Athens Bank & Trust Co., First National Bank.

RALPH P. KNIGHT

: : :

Athens, Tenn.



BUFF WYANDOTTES

Winners at Pine Bluff Show December, 1910

In the best class of Buffs exhibited, I won 1st cockerel; 1st, 2d, 3d, 4th and 5th pullet; 1st pen and loving cup. Eggs, \$5 per 15.

White WYANDOTTES

Won First Pen and Silver Cup

Eggs, first pen, \$5.00; second pen, \$2.00. Fine cockerels at \$5.00 that will score 93 and better.

W. T. ORTON

ORTON HOTEL PINE BLUFF, ARK.

Superba BARRED ROCKS

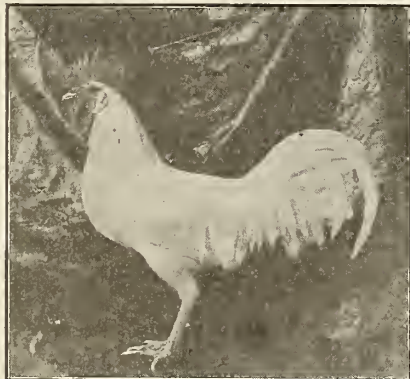
Egg orders booked now from five of the best yards to be found anywhere. Females score from 91 to 93½; males 92 to 93. Satisfactory hatches guaranteed. \$3.00 for 15, or \$5.00 for 30 eggs.

C. C. HARSHFIELD

GLENWOOD FARM : BELLEFONTAINE, O.

GABHART'S WHITE LEGHORNS

Are Layers Are Winners



"PEARL BOY"

"Untouched" photo of the champion cock and sire of many winners.

Here is the Result of Seven Years of Line Breeding:

All firsts, two cups and five specials at Louisville and Lexington, 1910. Two firsts on four entries at Appalachian Exposition. Twice as many points as my competitors at Kentucky State Fair. Also winners at Cincinnati and Nashville. Pairs, trios and pens that will start you right. A few high-class cockerels left. Eggs, \$2.00; special mating, \$3.00. Eggs from pure stock on range, \$1.25; 100, \$5.00.

W. E. GABHART Box M, Bohon, Ky.

ckl; 3pul; 1pen. JKAAlexander, Charlotte, 4,5hen; 5pen. Nevin Poultry Yards, Charlotte, 5ck. Black Minorcas—PRPaine, Charleston, S. C., 1ck; 1ckl; 2,3pul; 2pen. Sandy Run Poultry Yards, Ellenboro, 4,5hen; 2ckl; 3pen. MrsJSFirey, Charlotte, 1,4,5pul; 3pen. JKAAlexander, Charlotte, 2ck; 1,2,3hen; 1pen. Buff Orpingtons—John Jay Cohen, Jr., Augusta, Ga., 1,2,5hen; 1,3,4ckl; 1pen; 4pul. FJerome Wortman, Morganton, 2ckl; 3,5pul; 3pen. DADewey, Abbeville, S. C., 1ckl; 2pul; 2pen. ClaudeFDeal, Landis, 3,4hen; 5ckl. Black Orpingtons—DADewey, Abbeville, S. C., all awards. S. C. White Orpingtons—HBFarrington, Charlotte, 1pul. Barred Rocks—Des Rena Poultry Yards, Greenville, S. C., 4ck; 2,5hen. SLPulliam, King, 2,4ckl; V. Bramhald, Charlotte, 5ckl. Success Poultry Farm, Hewlett, Va., 3ckl. BFrankKelly, Bishopville, S. C., 1,3ck; 1,3,4hen; 1,5ckl; 1,2,3pul; 1pen; sweepstakes. JKAAlexander, Charlotte, 2ck; 4,5pul; 2pen. Nevin Poultry Yards, 5ck. Buff Rocks—MrsROAlexander, Charlotte, 1ck. MrsWBAAlexander, Charlotte, 1,2,3,4pul; 2ckl; 1,4hens; 1pen. EPScholtz, Charlotte, 5hen; 4ckl. RL Gill & Sons, Spencer, 2,3hen; 1ckl; 5pul; 2pen. White Plymouth Rocks—ThosWhitnant, Jr., Charlotte, 2ckl. JBMerritt, Greensboro, 1ckl; 1,4,5pul; 1pen. FHNickolson, Greensboro, 2,3pul. R. C. Rhode Island Reds—MrsECMosher, Charlotte, 2ckl. MrsJCD Eaton, Landis, 1,2ck; 1,2hen; 3ckl; 2,4,5pul; 1,2pen; best display. RKCarson, Jr., Spartanburg, S.C., 1ckl; 1pul. S. C. Rhode Island Reds—WHMcEarchern, Wilmington, 1,3ck; 1,2hen; 2,3,5pul; 1pen. TFFJackson, Clover, S. C., 2ck; 3ckl; 2pen. Irwin Henderson, Charlotte, 1ckl; 4pul. HCKendrick, Charlotte, 2ckl. JWNeece, Charlotte, 3hen; 4ckl. GVRollins, Caroleon, 5ckl; 1pul. Columbian Wyandottes—APWhite, Jr., Charlotte, 1hen; 3,4pul; 2pen; 2,3,4ckl. Sandy Run Poultry Yards, Ellenboro, 2hen; 1,5ckl; 1,5pul; 2pul; 1pen. Silver Wyandottes—HHVerdery, Augusta, Ga., 2ck; 1hen; 1ckl; 1pul. Stewart Martin, Charlotte, 1,4ck; 2,3,5hen; 2ckl; 2,3,4,5pul. White Wyandottes—Harry Herman, Conover, 2ckl. DAHodge, Granite Quarry, 1,2hen; 3ckl; 1,3pul; 1pen. DRCHCMills, Charlotte, 1ck; 4pul. WMHannon, Charlotte, 4ckl. Sandy Run Poultry Yards, Ellenboro, 2ck. RRandolph Taylor, Hewlett, Va., 5ck; 4hen; 1ck; 2pul. Beall & Davis, Gastonia, 4ck; 3hen; 5pul. MrsEASmith, Charlotte, 3ck; 5hen; 2pen. Partridge Wyandottes—TLLittle, Camden, S. C., 3ck; 4th hen. PSPowell, Charlotte, 2ck; 3hen; 1,2ckl; 4pul; 2pen. Mrs Nat Lancaster, Ashland, Va., 2pul. Sandy Run Poultry Yards, Ellenboro, 1,5ck; 1,2,5hen; 3,4ckl; 1,3,5pul; 1pen. HWWiedner, Lincolnton, 4ck; 5ckl. Buff Cochins—HHVerdery, Augusta, Ga., 1,3ck; 3hen; 1ckl; 1pul. Neil Overman, Charlotte, 2hen; 2ckl. Flynn Elliott, Charlotte, 4ck; 2pul. Carl Alexander, Charlotte, 2ck; 1hen. Black Cochins Bantams—all awards to WRBowers, Baltimore, Md. White Cochins Bantams—Lee Stitt, Charlotte, 1ck; 1hen. Flynn Elliott, Charlotte, 2ck; 2hen. Black Breasted Red Game Bantams—WRBowers, Baltimore, Md., 1ck; 1hen. MrsRO

RHODE ISLAND REDS

Prize Winning Pens

Best foundation stock in the South Allbirds with good red surface and undercolor. Eggs from these pens will improve your stock. Order eggs now or write for free mating list and Ideal Single Comb Rhode Island Red book. Eggs from pen 1, \$3 per 15 or \$5 per 30; from pen 2, \$2 per 15 or \$3.50 per 30. Write today. C. E. Carpenter, Owensboro, Ky.



"KIMBALLVILLE"

THE FARM OF QUALITY

STOCK, DAIRY and POULTRY FARM
Operated in Connection with

THE NEW KIMBALL
ATLANTA, GA.

WILL V. ZIMMER, Proprietor

OUR POULTRY SPECIALS

S. C. White Leghorns and Crystal White Orpingtons of the Famous Kellerstrass Strain. EGGS FOR SALE—White Leghorn at \$2.00 to \$3.00 per setting of 15. White Orpington at \$10.00 to \$15.00 per 15.

Give Us a Trial Order
Write for Prices on Our Stock

Brookside, Fla., Poultry YARD

OLON NEFF, PROPRIETOR

A few high-grade Barred Plymouth Rock males and females for sale. The cockerels and pullets have been bred for health and vitality; also for egg-making, as they are from a hen that made me 221 eggs in one year. The sire of this stock is a fine show bird.

Cockerels, each \$5 and \$7

Pullets, each \$4 and \$5

Eggs for 15 for hatching, \$4.50

Eight eggs out of 15 guaranteed to hatch. Eggs at \$4.50 per 15 is 30c per egg, and if 1 fail to have the eggs to replace free of charge, I can return the amt. at 30c per egg, which change is easy to make.

OLON NEFF

BROOKSIDE HERNANDO CO., FLA.

Chick-A-Dee FARM

J. A. DINWIDDIE

Proprietor and Breeder

PRIZE-winners at all of the leading Southern shows.



BRED-TO-LAY

SINGLE COMB WHITE LEGHORNS
NEW MARKET, TENNESSEE

STOCK and EGGS for sale. Write at once for prices.

Alexander, Charlotte, 1ckl. S. C. White Leghorn Bantams—DeForest E Newhall, Augusta, Ga., all awards.

SPECIALS

Geo. E. Bisanar, Hickory, won the \$100 Price Loving Cup for the best bird in the show; silver cup on the best display of White Leghorns, and A. P. A. silver medal for the best cockerel in American, Asiatic, Mediterranean or English class. Frank B. Kelly, Bishopville, S. C., won the silver cup for the best display of Barred Rocks and a \$15 mattress of Southern Cotton Seed Oil Co. Mrs. W. B. Alexander, Charlotte, won the J. B. Ivey & Co. prize on the best bird exhibited by a lady; also a pair of gold cuff buttons. Mrs. C. B. Campbell, Asheville, won the W. H. Belk & Bro. prize for second best bird in show exhibited by a lady; also a gold bracelet for best display. Sandy Run Poultry Yards, Ellenboro, won the prize for the largest and best exhibit outside of Mecklenburg County. J. B. Merritt, Greensboro, won silver cup on best display of White Rocks. Mrs. J. C. Deaton, Landis, won the silver cup on Rhode Island Reds, both varieties competing. E. P. Scholtz, Charlotte, won the silver cup for the best display of S. C. Brown Leghorns. W. G. Duncan, Rock Hill, S. C., won the W. H. Wearn, Sr., cup for the best display of Cornish Fowls.

The Chattanooga Show

The Chattanooga Poultry Show, January 4-7, brought out a great number of birds and was a success. Many exhibitors from all parts of the South were there, and competition was close in many classes. The awards, sent us by Mr. W. T. Maurey, superintendent, are as follows:

Barred P. Rocks—Ideal Poultry Farms, Orleans, Ind., 1ck; 1,2,4ckl; 2hen; 4pul; 1pen. Mrs WTMiller, Dalton, Ga., 2ck. C. Young, Sweetwater, Tenn., 3ck; 4hen; 2pul; 3pen. GWJames, Chattanooga, 3ckl. A. Miner, Chattanooga, 1,3hen; 3pul; 2,4pen. SSegal, Chattanooga, 1pul. **White P. Rocks**—Mrs ChasCate, East Lake, 1,3,4ck; 1,2,3ckl; 1,3hen; 1,2,3,4 pul; 1,3pen. HLHarbin, Lookout Mt., 2ck; 4ckl; 2,4hen; 2pen. **Buff P. Rocks**—JGFletcher, Chattanooga, 1ck; 1,2,4hen; 2pen. WJTownley, St. Elmo, 1,2ckl; 1,2,3,4pul; 1pen. C H Vann, Jasper, 3,4ckl; 3hen; 3pen. **Partridge P. Rocks**—WThomas, Chattanooga, 2ck; 2hen; 2,3,4pul; 2pen. **Silver Wyandottes**—Rosehill Farm, Ooltewah, 1ck; 1ckl; 1hen; 1,2,3pul; 1pen. OBGlen, Rossville, Ga., 2ck; 2,3hen. **White Wyandottes**—JHDaly, Chattanooga, 1ck; 1ckl; 1,2hen; 2pen. WEJelf, St Elmo, 2ck; 2pul. CCParris, Chattanooga, 3ck; 1,3,4pul; 1pen. EFSchneitz, Shepherd, 4ck; 2ckl; 4pen. RBuchanan, Highland Park, 3ckl; 3pen. HGNEY, Chattanooga, 4ckl; 3pul. FB Murphy, Chattanooga, 4pul. **Buff Wyandottes**—MrsAWGalloway, Cleveland, 1ck; 2ckl; 4hen; 2,3pul; 2pen. PowerThrelkeld, Maysville, Ky., 2ck; 1ckl; 1,2,3hen; 1,3,4pul; 1pen. **Black Wyandotte**—SHSanders, Nashville, 1ckl; 1,2pul. **Golden Wyandottes**—WmThomas, Chattanooga, 1ck; 1,2,3,4hen; 1pen. **Partridge**

Your Name Will Get \$2 Eggs For 50 Cents Per Sitting

The White and Brown Leghorns are the greatest layers in the world. I keep 2000 of the celebrated Chamberlain laying strains on my Experimental Farms, and to increase the sale of my Perfect Chick Feed, I will send to any one who will send me their name so I can send them my Perfect Chick Feed Catalogue, 2 sittings of Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte or Rose Comb Brown Leghorn or Single Comb Black Minorca or W. Orpington Eggs, \$2 per sitting. Leghorn eggs, 13 to a sitting; other varieties, 16 to a sitting. Leghorn eggs, \$3 per 100; all other varieties \$10 per 100. Large White Pekin Duck Eggs \$2 for 10 Eggs. This is a rare chance to get a start of extra fine stock. Send Post Office order on St. Louis and have your orders booked early. Write for our prices on Old Trusty and Buckeye Incubators. Freight paid. W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) KIRKWOOD, St. Louis County, MO.

NOTICE:

I will offer the balance of this season's eggs from well mated R. C. Reds that are Reds and not Buffs at \$1.25 per 15. Also a few of select cockerels from \$1 to \$2 each—good ones, not culls. Let me hear from you. I can and will please you.

MARION OLIPHANT
Specialty Dealer of Reds
KENTWOOD, : LOUISIANA

Greater Incubator Value Than You Imagined Possible

THE RELIABLE is known the world over for its reliability and superiority—pronounced by thousands and thousands of the most experienced poultrymen in America as the most efficient machine by far ever placed on the market. Remember for over 29 years I have been building incubators and brooders. For over 29 years poultrymen have been depending on my machines to produce profits. Do you think they would put up with the Reliable for a minute if it did not actually assist them to bank money? Why, some poultrymen claim the Reliable is a regular money coiner—a bank book sweller. Ask the man who uses one. He'll give you proof by the bushel.

And they are built to stand the wear and tear—to go through the roughest conditions—to last for years—to work for you longer than any other of given size. This is due to their correct construction. You'll never find a flimsy or shabby part. Don't experiment with bargain sale truck—unknown fly-by-night makes, paste-board, paper or iron covered machines. You might just as well throw your money in the gutter and watch it float away.

Here are incubators that are made right and are bound to hatch right—machines that you can invest in and bank on. Machines that are the greatest hatches you ever saw. Machines that are well worth double the price. And bear in mind that I guarantee them in every respect and that I stand behind this guarantee to a standstill. No "ifs" or "ands", just a straight-from-the-shoulder guarantee that guards your investment the minute I get your order. And the small prices cover everything complete. All the necessary attachments go with the machines on top of which I pay the freight to any place east of Denver. This means that you get these most complete and thorough machines shipped right to your own home already for business. And if you want evidence I refer you to the thousands and thousands of poultrymen who are right at this moment doing a big hustling business with these identical machines.

Reliable

65 Egg \$5.35
100 Egg \$7.15
220 Egg \$11.50

THE ILLUSTRATION below shows the Reliable Incubators that sell for such a remarkably low price. They are reliable in every sense of the word and from a constructive standpoint are unequalled. During the course of manufacture they receive the same careful attention as the highest priced machines on the market. There's no scimping or petty saving, no cutting off this or omitting that. These machines are absolutely complete and sound in every respect. They are made of the very best cypress lumber. The top and bottom is tongued and grooved and well insulated. Door has double glass front. The door joints are padded with felt, which securely seals when closed. Have the most modern up-to-date tanks and hot air method of heating and ventilating regulation. The same double heating system is used in these machines as in the higher priced ones. Egg trays are of the strongest material and made to last and give service. Both regulator and thermometer are identical with the best in the best of expensive machines. The lamps are of the most modern approved kind consisting of burner, lamp, fount, wick and chimney. It is an all-metal safety lamp and compares with the kind that usually cost well over double.

Every single incubator goes through a series of most rigid tests—is thoroughly examined and guaranteed in every respect. If you are engaged in the poultry business you cannot afford to be without one of these incubators. They will save your money, your time, your patience and your temper. And remember the low prices:

65 Egg \$5.35

100 Egg \$7.15

220 Egg \$11.50

I Pay the Freight

to any railroad station in the United States east of Denver. Prices west of Denver on application. This in itself is a great big saving to say nothing of what you save on the incubator itself. We can do this on account of the enormous business we do all over the world. We let you pocket the freight charges.



Let Me Send You My Free Book on the Care Chickens.

My Guaranty

With every machine I sell I give the most liberal guaranty ever placed on an incubator. I guarantee perfect operation, perfect material and perfect workmanship in every respect. If you are not satisfied with the Reliable after a fair test, ship it right back at my expense and I'll send a check for your full purchase price without an argument.

Brooders

80 Chick \$3.90
120 Chick 5.95
220 Chick 6.85

Order any one of these machines offered here at once. The big generous guaranty makes it possible for you to buy with your eyes open. If the machine you buy does not perform as you think it should, crate it up and ship it back quick at my expense. By return mail you'll get a refund check. Send for my big Free Book and at the same time send me your order for one of my incubators. Write or order today.

J. W. Myers, Pres., Reliable Incubator & Brooder Factory, Box A32. Quincy, Ill.

R. C. Rhode Island Reds and Embden Geese

We have a few good breeders for sale. Some cocks and cockerels from \$2.50 to \$5.00 each.

A. L. STEPP & SON

Irving College, Tennessee



S. C. RHODE ISLAND REDS

Prize Winners in Four States, 1909. Only shows made in 1910, won 2d and 4th pullet, Nashville, and 5th pen, Memphis, in a large class. My birds are better than ever and can furnish you any quantity of eggs at \$1.50, \$2.00, \$3.00 and \$5.00 per setting of 15. Also Day-old Chicks at reasonable prices, stock considered. Having put in a 2,400-egg Candee Incubator and Nursery Brooder, will hatch eggs for the public at \$1.25 for 75.

CHERRY RED FARMS, Binghamton Branch, R. 3, Memphis, Tenn.

Successors to CHERRY RED POULTRY YARDS

Proprietors—W. F. HOUCK and D. E. MACGOWAN

D. E. MACGOWAN, Manager

GEM INCUBATOR



\$7.00 and UP

Two Hatches Free Five Year Guarantee

The Gem is the wonder of the whole incubator industry. Here's the secret. Every Gem has the "know how" built in—the result of years of careful study and experiment. The Gem is different—better. We determined that the Gem should be the best incubator made—and it is. Each Gem carries an unqualified guarantee for five years to support our claim. Listen—Anton Feipel, Ohio, writes, "The Gem is good enough for us, and we highly recommend it. From 131 fertile eggs received 122 chicks." Here is more proof:

Hudsonville, Mich., May 14, '10.

Gentlemen: We have just received the brooder, and the man I sold it to was well satisfied with it. We have taken one hatch out of our new incubator and we got 185 chicks out of 240 eggs. It hatched all the fertile eggs except 4. We hope we will favor you with some more orders soon, because I am getting more orders for day-old chicks than I can fill. They think the chicks are stronger out of the Gem than any other incubator.

Yours very truly, Mr. Tim Beck, R. No. 4.

Celina, O., Sept. 5, '10.

Gentlemen: We are well pleased with the incubator and brooder we purchased from your agent, Mr. Joseph Turckes, Celina, R. R. 7, Mercer County, Ohio. We hatched five times, and from 125 to 131 fertile eggs. We received 117, 118, 115, 120 and 122 chicks. We never seen an incubator before; also we had no experience. The Gem is good enough for us, and we highly recommend it. With this we are sending photograph from the first and second hatches. Respectfully yours truly, Anton Feipel.

Steel, Ohio.

Dear sirs: Our first hatch came off all right. We got 75 chickens from 100 eggs, which were bought at a country store. I think we would have gotten more if we had not neglected the incubator when the first chickens began to come out. They are two weeks old now and we have just lost five of them. Yours truly, Fletcher Benson, Box 131.

Our files are full of such letters.

DOUBLE WALLS—Heavy Metal Parts

The Gem is made of high-grade material and substantially built throughout. Has features found in no other incubator. Removable Chick Tray and Nursery is a feature with which all breeders are delighted. The Gem is most easily operated and easiest for either beginner or expert to handle. Requires but five to ten minutes of attention every 24 hours. Perfect ventilating system.

60 DAYS FREE TRIAL

Ask your dealer. If he can't supply you, write us and we will ship you direct. Test the Gem these 60 days. If not satisfied you needn't keep it. That's fair, isn't it?

MAKE MONEY WITH THE GEM. Send for our handsomely illustrated catalog. It tells how you—gives directions—reports from users—and it's free. Write today.

Gem Incubator Co.
Box 407 Trotwood, Ohio

Wyandottes—MLBlevins, Dalton, Ga., 1ck; 1 hen. Wm Thomas, Chattanooga, 1ck; 1,2pul. *Columbian Wyandottes*—LAHitzfeld, Chattanooga, 1ck; 2,3pul. HWDurand, Chattanooga, 2ck; 1,4pul. S. C. Rhode Island Reds—C. Engert, Chattanooga, 1ck; 2hen; 3pen. Mrs HCMotley, Chattanooga, 2ck; 4hen. JASettliff, Chattanooga, 3ck. MJElliott, Hill City, 4ck. WSCourtney, Chattanooga, 1ck. J L Wallace, Dalton, Ga., 2ck; 1hen; 1,3,4pul; 1pen. EFHixon, Hixon, 3ck; 3hen; 2pen. J LHindle, Cleveland, 4ck; Harry Durand, Chattanooga, 2pul. MrsHLHarbin, Lookout Mt., 4pen. R. C. Rhode Island Reds—BJSimmons, Chattanooga, 1ck; 1hen; 1pul. Robt.Tinker, St.Elmo, 1ck; 2pul. *Buff Orpingtons*—Mrs Lula Lawson, Cleveland, 1ck; 1,4ck; 1,4hen; 2pen. CABrowse, Chattanooga, 2ck. G W James, Chattanooga, 3ck; 4pen. CASEinknecht, Rossville, Ga., 2,3ck; 2,3hen; 2,4pul; tielpen. GBMorehead, Lynchburg, 1,3pul; tielpen. H AChristensen, Chattanooga, 3pen. *White Orpingtons*—MrsEMCondra, Hill City, 1,2,3,4ck; 1,2,3,4pul; 1,2pen. *Black Orpingtons*—CHSpringfield, Chattanooga, all awards. *Light Brahmas*—I. Cazh, Chattanooga, all awards. *Buff Cochins*—DrAWPalmer, Chattanooga, 1ck; 1ck; 1,3hen; 1,2,4pul; 1pen. HDHuffaker, Chattanooga, 2ck; 2,4hen; 3pul; 2pen. *Partridge Cochins*—JASettliff, Chattanooga, 1ck; 1,2pul; 1,2hen; 2pen. *Blk. Langshans*—JC Adams, Bristol, Va., 1ck; 2,3hen; 1,4pul; 2pen. RevJRBrown, Sweetwater, 2ck; 1ck; 1hen; 2,3pul; 1pen. S. C. Brown Leghorns—Forbes Poultry Yards, New Decatur, Ala., 1,2,3ck; 2,3ck; 4pul; 1pen. WJKing, Cynthia, Ky., 1ck; 3pul. Ideal Poultry Farm, Orleans, Ind., 4ck; 1,3hen; 1,2pul; 2pen. IBMerriam, Jr., Chattanooga, 2hen. RobtTinker, StElmo, 4hen. S. C. White Leghorns—AJLawson, Cleveland, 1ck; 2,3,4ck; 1,2,4hen; 1,3pul; 1,2pen. Forbes Poultry Yards, 1ck. ECBarnes, Chattanooga, 3hen. BSAnnis, Lookout Mt., 2pul; 4pen. EARogers, Hixon, 4pul; 3pen. R. C. Buff Leghorns—JJLawson, St.Elmo, all awards. S. C. Buff Leghorns—Johnson Henery, Ridge-dale, 1hen. *Black Minorcas*—JHigginbotham, Rossville, Ga., 1ck; 1ck; 1,2,3hen; 1pen. WSCourtney, Chattanooga, 1,2,3pul. *Anconas*—LMBarratt, Morristown, 1ck; 3pul; 1pen. HEPortum, Rogersville, 1,2,4pul. *Houdans*—Ideal Poultry Farm, Orleans, Ind., all awards. W. C. Black Polish—JHDaly, Chattanooga, all awards. *Buff Cochins* Bantams—Forbes Poultry Yards, 1ck; 1ck; 1ck; 1,2,3hen; 1,2,3,4pul; 1pen. A.Miner, Chattanooga, 2ck; 1hen. *Golden Seabright Bantams*—A.Miner, 1ck; 1hen. DKenner, Chattanooga, 2ck; 2hen. *Bronze Turkeys*—Kenwood Farm, Chattanooga, 1tom; 1hen. JFShipp, Chattanooga, 2tom, 2,3hen. *Pekin Ducks*—OBGlenn, Rossville, Ga., 1drake; 1,2 duck. *Indian Runner Ducks*—A J Lawson, Cleveland, 1drake; 1duck. *Toulouse Geese*—

KING LEAR AT STUD

This fine young stud, twelve months old, out of Beauty Bright by Ben Hur, is the most perfectly marked, sable and white Collie we ever saw. He has a fine head, perfect ear-carriage, elegant coat and is as bright as a dollar. His dam is the daughter of Anfield Major, Ch. Anfield Model, Ch. Parbold Piccolo, out of Ch. Cordia, Brandane Clinker, Wishaw Princess. Stud fee \$10.00. Will sell him for \$150.00.

Shadrach (Alias BEN HUR) Fee \$10

Ben is a sure getter of handsome litters and is in every sense a great dog. His sire is Alstead Bruce, Pacemaker, Ch. Wishaw Clinker, out of Montrose II, Lothion Princess, Nellie Wonder Will sell him for \$100.00.

Matrons will be well cared for, safety and service guaranteed. Ship by express, charges prepaid to

KNOX COLLIE KENNELS,
Knoxville, Tenn.

Ideal Strain S. C. White Leghorns and Indian Runner Ducks

Nothing but high-class stock used for breeders. Eggs from all pens of Leghorns, \$2.00 per 15; Ducks, \$1.50 per 13. No stock for sale at present. Satisfaction guaranteed or money refunded.

D. M. JONES, Kizer, Tenn.

Rice White Orpingtons

Bred from the famous Kellerstrass Crystal White Strain. Eggs and Stock for sale.

N. A. WALDRON & SON Pine Bluff, Ark.
In the Rice Belt of Arkansas.

S. C. BUFF ORPINGTONS ONLY

Certified Best in America by Judges and World Breeders : : : : :

Won ten Silver Cups, 23 Ribbons, besides Special Club Ribbons, at the great Appalachian Exposition Poultry Show, where I met in competition, originator of breed and Southern Division of National Club Show, my birds winning easily first honors in class. Won first honors in class at great Tennessee State Fair. Special Silver Cup for "Emily," first hen in Show.

Mrs. S. C. Bridgewater, Breeder, Importer and Exporter Dixon Springs, Tenn.



"Diamond Farm BABY CHIX"

200-EGG STRAIN, TRAPPED
White LEGHORNS and White ROCKS

Breeding eggs unsurpassed. Baby Chix the best. Plant modern and complete. Booking orders now.

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NEWBERN, TENNESSEE

DAVIS' S.C.R.I. REDS

Winners at Chicago, Ill., Memphis, Tenn., Augusta, Ga., Birmingham, Ala., Lebanon, Tenn. and Tennessee State Fair. 1911 catalogue and mating list FREE. Grand lot of cockerels for sale from \$1.50 up

FRANK G. DAVIS

Rosebank Poultry Farm, Nashville, Tenn.

O.B. Glenn; 1 gander; 1 goose. *Pit. Games*—ML Blevins, Dalton, Ga., 1 cock; 1 hen. *Pigeons*—Kritchbaum Bros., St. Elmo, White Dutchess, 1, 2 pair; Homers, 1, 2; Squabs, 1, 2; Black Magpies, 1. *English Ringneck Pheasants*—Embry B. Deering, Chattanooga, 1 cock; 1 hen.

Lebanon, Tenn., Show

The fifth annual exhibition of the Wilson County Poultry Breeders' Association, held January 9-12, was in many respects, according to Mr. E. H. DePoy, vice-president, who sent us the awards, the best ever held there. The awards were placed by Judge H. B. Lansden, of Manchester, Tenn., and there was not a single kick recorded against his work. The admission was free, a new departure by the Association, and large crowds were in attendance each day. In addition to prizes awarded on poultry, there were corn, butter and market egg exhibits, and these were new and original and proved a popular feature of the show, the entries being very creditable. Dr. C. L. Gray was superintendent and J. E. Grigg, assistant. The awards:

Buff Leghorns—SHoyal Johnson, all awards. *White Wyandottes*—Geo. A. McClain, 3 ck. RH Young, 2 ck; 1 ck; 2 hen; 2 pen. JS Seagraves, 1 ck; 1, 3 hen; 1, 2, 3 pul; 1 pen. S. C. *Black Minorcas*—JC Vaughan, 1, 2 ck; 1, 2 hen, 1 pen. Mrs. B. D. Kirkpatrick, 3 ck; 3 ck; 3 pen. Mrs. J. no McGrisson, 1 ck; 1, 2 pul; 2 pen. *White Minorcas*—Mrs. J. no McGrisson, all awards. S. C. *Buff Orpingtons*—JS Seagraves, 1 ck; 1, 3 hen; 2 pul; 1 pen. Miss Kate Donnell, 2 ck; Dr. C. L. Gray, 3 ck. Dr. J. M. New, 3 ck. Mrs. F. M. McClelland, of Defeated, Tenn., 1 ck; 1, 3 pul; 2 pen. *Golden Seabright Bantams*—G. A. McClain, 1 ck. *Black Bantams*—Gwynne Vaughan, all awards. *White Plymouth Rocks*—J. A. Shipp, Jr., all awards. *Barred Plymouth Rocks*—Robt. L. Bryan, 1 ck; 3 pen. RH Young, 2 ck; 2 ck; 2 hen; 1, 2, 3 pul; 2 pen. Miss Ella Davis, 1 ck; 3 ck; 1, 3 hen; 1 pen. Wm. Williamson, 3 ck. JW Grigg, of Mt. Juliet exhibited his pen of Barred Rocks that won first at the State Fair and at the Appalachian Exposition, but did not exhibit in competition. S. C. *Brown Leghorns*—JW Leeman, 1, 2 ck; 1, 2, 3 hen, 1 pen. R. C. R. I. *Reds*—Hale & McCartney, 1 ck; 2 ck; 2 hen; 1, 2, 3 pul; 1 pen. JF Grigg, 1 ck; 2 ck; 1, 3 hen; 2, 3 pen. S. C. R. I. *Reds*—JF Grigg, 1 ck; 2 pen. B. A. Williams, 1 ck; 1, 2 pul; 1 pen. Miss Kate Davis, 2 ck; 3 pul; 3 pen. *Silver Spangled Hamburgs*—HR Birchett, 1 ck; 1 pul; 1, 2, 3 hen. JF Grigg, 2 ck; 3 pul; 2 pen. *White Face Black Spanish*—HR Birchett, all awards. *Blue Andalusians*—HR Birchett, all

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HAVE SOLD OUT ALL THEIR STOCK BUT

Buff, White and Black Orpingtons

On their **BUFFS** and **WHITES** they have won this season fourteen firsts and four seconds, besides a silver cup. Their **BLACKS** are brothers and sisters to birds that took nearly all the firsts and seconds at Chicago and Indianapolis. They came right from Othello, that Judge Pierce says is the best Orpington cock ever shown in America. WRITE FOR MATING LIST.

Buff ORPINGTONS Black WHITE WYANDOTTES

The kind that **LAY, WIN and PAY**. Let me send you my mating list. A few good Cockerels for sale at a Bargain.

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BUTTERCUPS

as good as the best in color, in combs and laying. Eggs, \$2 per 15; \$3.50 per 30.

S. G. BLACK MINORCAS

They always win 1st and 2nd wherever shown, and are extra good layers. Eggs, \$2.00 and \$3.00 per 15.

WHITE WYANDOTTES

At last showing won 9 prizes on 9 entries. Eggs, \$2.00 per 15; \$3.50 per 30.

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NO OTHER incubator in the world will give you half the service that you can get out of mine. And what is more, mine costs you but half as against any other. I actually save you 50% in money, 50% in time, and 100% in repairs. You do not have to spend one cent for upkeep.

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Why I Save You Half Because you pay only for incubators. You don't have to pay for fancy literature and embossed letter heads and booklets. You don't have to pay the salaries of a lot of useless officers. You don't have to pay the rent and maintenance of a string of bank and executive offices. You buy from and deal only from me. I give you every advantage. I charge you my cost of the incubator plus a small fair profit, that's all. Poultrymen all over will tell you of the Cypher's square deal. And if they can save money and time you can.

Note My Low Prices

No. 0	50-60 Egg Size	\$ 9.50	No. 2	220-240 Egg Size	\$16.00
No. 1	110-120 Egg Size	12.00	No. 3	340-360 Egg Size	\$20.00

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My Guarantee I positively guarantee every purchaser that my "Buffalo" will hatch as well as any incubator you can buy regardless of price. I guarantee it to be as substantially made, as easily regulated as any incubator costing from \$5 to \$10 more. Send me your order today. Just say what size you want and enclose the price. If the incubator fails to satisfy you I send you only money back without argument. Order today.

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Write for full incubator and brooder information and I'll show you how to save 50 per cent of the money you've been spending.

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The Crystal Springs Poultry Co., Oil City, Pennsylvania, markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent. of fertile eggs taken off this season—83%.

We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it. In the Buffalo you have a world-beater."

Patrick McEvoy, Manager.

WHITE WYANDOTTES

Some very choice stock for sale. Eggs for hatching. Very heavy layers
WOODMERE FARM **FOUNT H. RION** **BRENTWOOD, TENN.**

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BREEDERS AND EXHIBITORS of the finest strains of Partridge, Columbian, White Wyandottes, Black Minorcas, Brown Leghorns and R. I. Reds. Over 300 prizes won this season at Knoxville, Asheville, Spartanburg, Wadesboro, Charlotte and Gastonia. We can furnish you eggs from as fine birds as there are in the country. Partridge, Columbian and White Wyandottes and R. I. Reds, \$3 per 15; Black Minorcas and Brown Leghorns, \$2 per 15. A few fine cockerels for sale at \$2.50 and \$5.00 each. Give us your order and we will please you.

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Warren's Partridge WYANDOTTES

Won at Augusta, Ga., 1910, 1st cock; 1st cockerel; 1st, 2d and 3d pullet, and 1st pen. At Asheville, 1910, won 2d cock; 2d hen; 1st, 2d and 4th cockerel; 1st, 2d and 4th pullet; 2d and 3d pen. Eggs from prize-winners. A few good cockerels, hens and pullets for sale, including first prize cock at Augusta. Satisfaction guaranteed. Write today.

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Satisfaction or money back, together with express charges both ways. For the best and a square deal, write

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FREE POULTRY CATALOGUE EAST DONEGAL POULTRY YARDS, Marietta, Pa.

awards. *White Leghorns*—Miss Ella Davis, 1 ckl; 2pul. EADonnell, 1ck, 2ckl; 3pul; 2pen. RRSteed, 2ck; 1,2ben; 1pul; 1pen. *Black Langshans*—MrsJWWWhite, all awards.

SPECIALS

J. S. Seagraves was awarded the \$25 silver cup offered by the association for the best pen in the show. He won his honor on his Buff Orpingtons, his closest competitor being Miss Ella Davis on a pen of Barred Plymouth Rocks. This contest was very close and Judge Lansden was about three hours in awarding the prize. The cup has to be won by the exhibitor twice before it becomes his property, and has been won heretofore by J. C. Vaughan and Hale & McCartney, respectively.

Mr. Frank D. Fuller, of the Experiment Station at Knoxville, awarded the prizes on corn as follows: first, J. C. Arrington; second, B. S. Northern; third, Leeman & Bryan.

Prizes were awarded on eggs as follows: For the best dozen brown eggs, Miss Kate Davis, first; Mrs. Major, second; Miss Ona Waters, third. For the best dozen white eggs, Mrs. John M. Grissim, first; Mrs. T. S. Dillon, second; Mrs. H. Johnson, third.

For the best pound of butter, Mrs. John M. Grissim, first and second.

Maryville, Tenn., Show

The first annual poultry show given under the auspices of the Blount County Poultry Association on January 25, 26 and 27, was a success. In fact it went beyond expectations. While the weather was threatening, the attendance was exceedingly good, and most every one expressed themselves as being surprised at the magnitude of the show, when it is remembered that every arrangement was made to in less than a month after

BROWN LEGHORNS SINGLE COMB.

STOCK AND EGGS FOR SALE.

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Line bred, both cockerel and pullet matings that produce winners. Eggs for sale. Also Strawberry plants. Quality is our motto.

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Home of the "RED QUILL" R.I. Reds

PARTRIDGE WYANDOTTES, WHITE CORNISH, S. C. WHITE LEGHORNS and ANCONAS

51 first premiums at one show in December; 11 firsts at Columbus, O., in December, Ohio's State Show. Our book of "Donts," illustrated with photographs of ideal birds and how to breed them, for 10c. Quality, not quantity, the watchword. Eggs from prize winners for sale; also fine breeders.

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SINGLE COMB WHITE LEGHORNS.

Lakeholm Farms is a Tract of 500 Acres in the Valley of the Kokosing, Knox County, Ohio, Devoted to the Production of the Highest Class of Farm Products.

EGGS FOR HATCHING

LAKEHOLM FARMS eggs for hatching are laid by large, healthy hens—no pullets are used. This season's eggs are from eight selected pens, each headed by a carefully reared cockerel, fully matured. We do not practice the method of selling eggs from large flocks with several males. Others may, but we have never been able to get the vigor, hardiness and inherent egg producing qualities except through small matings. We are well aware that small, selected matings very materially reduces the number of sittings available for sale, but then we also raise our own flock from the same matings from which we sell eggs for hatching. This season we offer eggs for hatching from eight pens of our line-bred S. C. White Leghorns at \$2 for 15; \$5 for 45. Many of the individual birds of these matings are prize winners and all will score above 90.

OF GREAT IMPORTANCE

Something which has had little or no attention from the buying public—disease. Of all animals a chicken is probably the most susceptible to careful breeding. The result—response—is more evident than in any other member of the family of domestic animals. Just stop and think—Any old hen can be surrounded in her laying pens by daughters and grand-daughters, all laying, the daughters and grand-daughters hatched within the year. Do not buy eggs for hatching indiscriminately. The three most important points to receive careful thought in the selection of eggs for hatching for either profit or pleasure are absence of inherited disease in its multitable of forms, inherited egg production, inherited standard requirements. The Lakeholm Farm Strain of Single Comb White Leghorns is without disease in any form. There are few households where a more rigid program of cleanliness is observed. We will not house hens that will not pay for their board, nor do we keep birds that will not score 90.

COCKS AND COCKERELS

We have about 20 male birds—splendid fellows—exhibited at the January Shows and judged by Judge R. W. Graves. We want to make quick sales and will price at bargains. Score card with every bird.

JOHN RINGWALT

Delano Road : : MT. VERNON, OHIO

LAKEHOLM FARMS

a decision was made to hold the show. Harry Jennings, of Knoxville, gave the association valuable aid in the work of cooping and arrangement of birds. The awards:

Pit Games—Josh R. Jones, R1, Mint, 1ck; 1ckl; 1hen; 1pul; 1pen. RALee, Friendsville, 4ckl. Jesse Hutton, Maryville, 2ckl; 2,3pul; 2pen. Elmer Rorex, Maryville, 3ckl; 4pul. *Blue Andalusians*—CMorr, Maryville, all awards. *Silver Seabright Bantams*—WWine, Maryville, 1hen. *Bourbon Red Turkeys*—WYHannum, Maryville, 1tom; 1hen. *Indian Runner Ducks*—EWCates, Maryville, 1drake; 2,3duck. *Montgomery May, Jr.*, Maryville, 2drake; 1,4duck; 1pen. *S. C. Buff Leghorns*—Hugh M. Clark, Maryville, 1,2ckl; 1,2hen; 1,2,3,4pul; 1pen. Chas. A. Magill, Maryville, 1ck. LBSutton, Maryville, 3ckl. WDTefferteller, Maryville, 2ck. WPMiller, Maryville, 4ckl; 3hen. R. C. White Leghorns—LBSutton, Maryville, 1ckl. E. D. Brown, Maryville, 2ckl 1,2,3,4pul; 1pen. R. C. Brown Leghorns—Chas. A. Magill, Maryville, 1hen. S. C. White Minorcas—WBirwin, Maryville, all awards. S. C. White Leghorns—RC McClain, Maryville, 1ckl; 1pen. W. I. Long, Maryville, 1ck. CWHenry, Maryville, 2ck; 2, 3,4hens; 2ckl; 3,4pul; 2,3pen. HBHenry, 3ckl; 1hen. Edwin Ellis, Maryville, 1,2pul. *Barred Rocks*—John M. Clark, Maryville, 2ckl. EDBrown, Maryville, 3ck; 1,2hen; 2pen. SamTBroyles, Maryville, 2ck; 2ckl; 4hen; 3,4pul; 1pen. Joe IMcIlvain, Maryville, 4ckl. Lynn Morris, Kizer, 1ck; 3ckl; 3hen; 1,2pul. *Buff Rocks*—Wm. Anthony, Walland, all awards. *White Wyandottes*—CCurtis, Maryville, 2ckl; 2pul. FOCurtis, Friendsville, 1ckl; 1pul. WPMiller, Maryville, 1ck; 1hen. *Partridge Wyandottes*—WPMiller, Maryville, 2ckl; 1pul. NTSimerly, Maryville, 1ckl; 2pul. *Buff Wyandottes*—Robert Hayes, Maryville, all awards. *Silver Laced Wyandottes*—John Huffstetter, Maryville, 1ckl; 4pul. JNHenry, Maryville, 1,2hen; 2ckl; 2,3pul; 1pen. R. C. Rhode Island Reds—FWHannum, Maryville, all awards. *Light Brahmas*—Ben Atchley, Chandler, all awards. S. C. Rhode Island Reds—Robert Hayes—4ckl. HRMagill, 2ckl. Will Monday, Knoxville, 1ck; 1,2hens; 2,3pul; 1pen. Hugh M. Clark, Maryville, 1ckl; 1,4pul. FRBabcock, Maryville, 2ck; 3hen. Mrs. John Brown, Maryville, 3ckl. RDHunnicut, Maryville, 3ck. S. C. Brown Leghorns—Man-

REDS

ROSE COMB

Winners at Marion, Ashley, Lima, Bucyrus, Galion and Delaware. We have some grand pens mated for producing the highest grade of exhibition stock, \$4.00 per 15, \$7.00 per 30. Write for mating list.

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Box R, SUNBURY, OHIO

Single Comb RHODE ISLAND REDS

EXCLUSIVELY

Twenty-five fine cockerels for sale, \$3.00 to \$25.00; two have ribbons to their credit. Utility hens and pullets, \$1.50; fine breeders, \$2.50 to \$3.50. Some of our winnings are, with three entries, 1st cockerel and 1st pullet, Knoxville, 1910. Three entries, 1st pen and 2d cockerel, Appalachian Exposition Poultry show.

EGGS, \$1.50 to \$3.50 for 15.
Ask for Mating List.

APPALACHIAN POULTRY YARDS, R. F. D., Newport, Tenn.

FALLS CITY INCUBATOR AND LAMPLESS BROODER

Has an automatic lamp which holds one gallon of oil. Its wick needs no trimming—indestructable. Has both damper and flame regulation. Saves one-half in oil. Ventilation and moisture automatic. *Lampless Brooder*—Kept warm by special Heating Element. The only Lampless Brooder that regulator operates both temperature and ventilation. Easily cleaned; perfectly safe; little or no cost. Breeder of Stay-So S. C. W. Leghorns and S. C. W. Orpingtons. Eggs from regular matings, \$1.50 per 15. Eggs from my best pens, \$2.50 per 15. Expressage paid on all egg orders. Write and get circulars. I can please you.

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R. and S. C. R. I. REDS Exclusively

"QUALITY," NOT QUANTITY. 1st, 2d and 4th cockerel, 1st and 3d hen, 4d and 3d PEN. Asheville Show, 1910. J. H. Drevendst says it was the hottest Rhode Island Red class he ever JUDGED. Eggs and day-old Chicks a specialty. Cockerels for sale. Prices reasonable.

CHICKS, 25c Each. EGGS, \$2.00 per Fifteen

L'Anguille Leghorns LAY

Eggs from four pens of trap-nested
high-grade S. C. White
\$2.00 per 15.

BRUCE MULKEY Marianna, Ark.

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"Red Cloud" Strain of prize winners. I offer a \$5 prize for the highest scoring bird hatched from 1911 eggs. Write for catalog. GIBSON COUNTY POULTRY YARDS, Mrs. P. C. Dorsett, Proprietor, Trenton, Tennessee.



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and disinfecting with the new

"Kant-Klog" Sprayer

gives twice the results with same
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Wanted. Booklet free. Address

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IN HOT COMPETITION

Drevenstedt, the best Barred Rock Judge in America, judging, to win 1st, 2d, 3d and 4th cockerels means I could have left my three best birds at home and still won the coveted 1st prize on cockerels at the Kentucky State Poultry Show. Besides the above I won 1st pen; 2d and 3d hen; 2d and 3d pullet; 2d cock; silver cup for best display, all varieties competing; gold special for best display B. P. Rocks and other specials. The above, with my clean sweep on cockerels at the Blue Grass Fair and my marvelous winnings at the Appalachian Exposition, and in addition my winnings for the last four years, stamp my birds **the best—the very best.** All were bred by me and are in my breeding pens for 1911. Eggs for sale at \$5 for 15 straight. 50 elegant pullet-bred cockerels for sale at \$5 each to make room for my breeding stock. **THE POINDEXTER POULTRY YARDS, Barred Plymouth Rocks Exclusively, Harry Martin, Owner and Breeder, Pointexter, Kentucky.**

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WHITE WYANDOTTES

Eggs from Blue Ribbon Winners at \$3.00 per 15.

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"DIXIE STRAIN"

Single Comb Black Minorcas

They win at the largest shows and are direct descendants from the best Minorcas in the world. They lay equal to none. Two pullets laid 400 eggs in one year. A few choice birds for sale at reasonable prices. **EGG ORDERS BOOKED** for future delivery at \$2.00 per setting.

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ERNEST V. CRIST, Manager

Box B, Timberville, Va.

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SINGLE COMB REDS, BROWN LEGHORNS and TOULOUSE GEESE. Our stock is bred right. We won more first and special prizes than any other breeder in the state. If you want the best, send for prices and show record.

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Mammoth Bronze TURKEYS For Sale

Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 48 lbs. to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97½ points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early.

Also **Barred Plymouth Rock Chickens** from the best prize winning blood.
MRS. J. C. SHOFNER, - - - Route 1, Mulberry, Tenn.
BOONEVILLE POULTRY YARDS

Buff Orpingtons, R. I. Reds, Black Minorcas, White Wyandottes, Barred Rocks, B. C. Bantams, White and Brown Leghorns

Highest awards at Jamestown, St. Louis, Memphis, Nashville, Birmingham, Montgomery, Florida, Atlanta, Huntsville and Chattanooga. Eggs, \$2.00 to \$5.00 per 15, from prize winners.

FORBES POULTRY YARDS -:- New Decatur, Ala.

WHITE WYANDOTTES

LARGE, WHITE, VIGOROUS, HEAVY LAYERS

"The Kind That Lay and Win." Eggs from best yards—\$2.00 per 15, \$3.50 per 30. Excellent utility eggs—\$1.00 per 15, \$5.00 per 100. A good hatch guaranteed.

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Eggs for hatching a specialty. Prize matings \$5 per setting. First class utility yards at \$2 per setting or two sets for \$3.50. Incubator lots at \$8 per hundred. A few choice pullets and cockerels yet to spare. Free circulars.

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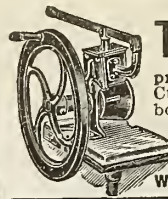
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COLLIE DOGS. EGG ORDERS NOW BEING BOOKED

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This Bone Cutter

produces filled egg baskets. Cuts fast and easy. Green bone, scraps from table, vegetables, scrap cake. Always ready for use.

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WILSON BROS., Box 816 EASTON, PA.

sonEverett, Maryville, 4hen. JohnEJennings, Knoxville, 1ck; 1ckl; 1,3hen; 1,2pul. Clay Cunningham, Maryville, 2ckl; 3,4pul; 2hen. S. C. Buff Orpingtons—MackHaynes, Shooks, 1,2ck; 1ckl; 1,2hen; 4nul. W J Huffstetler, Maryville, 1,2,3pul. AROgden, Maryville, 2ckl. WCChumlea, Maryville, 3,4hen.

J. R. Jones' exhibit of games was interesting in that the variety and number were greater than that of any other exhibitor. He had seven kinds of specimens hatched in each month of last year and some hatched during the present month. Mr. Jones has shipped many birds to distant States and to Old Mexico.

Abingdon, Va., Show

The first annual exhibition of the Southwest Virginia Poultry Association was held in Abingdon on Thursday, Friday and Saturday, January 12, 13 and 14. There were over six hundred pure bred birds exhibited, entries coming from Kentucky, West Virginia, Tennessee, and all parts of Virginia. Both in quality of birds shown, and in number of specimens, the show exceeded by far, the expectations of the promoters of the Association. The interest shown by the public was wonderful, considering the fact that it has been only two months since the association was organized. There were something like one thousand paid admissions to the show. The awards:

Light Brahmas—HFRamsey, Abingdon, 1ck; 1,2hen; 1ckl; 1pul; 1pen. Buff Cochins—WA Rutherford, Abingdon, 2ck; 3pul. Archer & Bristine, North Holston, 1,2,3hen; 2ckl; 2,3pul; 1,2pen. Houdans—JHerbertHayes, Bristol, all awards. Cornish Indian Games—LN Deadmore, Abingdon, 2ck; 1,2,3hen; 1pen. Jas WParker, Meadowview, 1ckl; 2pul. Black Langshans—LSMcGhee, Bristol, 1ck; 2hen; 1pen. MDAndes, Bristol, Tenn., 1,3hen; 1ckl; 4pul. JCAAdams, Bristol, 2ckl; 1,2,3pul; 2pen. AAlingham, Abingdon, 4hen. Joseph Fields, Bramwell, W. Va., 3ckl. Brown Leghorns—IEScott, Abingdon, 2ckl; 1,3,4hen; 3pul; 1pen.

READY HATCHED CHICKS FROM FINE LAYERS

Bred from Madison Square Garden winners. Range stock, strong, vigorous, no-mixing breeds; perfect health. 10c to \$1.00 per Chick. Safe shipping boxes for chicks and eggs. Double-walled corrugated paper, dead air spaces. Light, strong, safe for any distance. Send 10c for "Progressive", greatest of all poultry books. 12 chapters, right to the point. Circulars free.

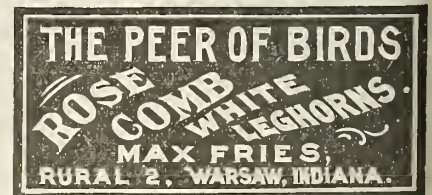
THE OHIO HATCHERY & MFG. CO.
C. A. Thompson, Pres. Box 21, BELLEVUE, O.

The SOUTHERN PLANTER

The South's Oldest, Largest and Best Farm Magazine

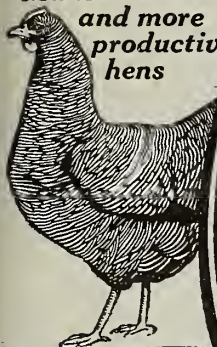
and THE INDUSTRIOUS HEN, both one year for 50 cents.

INDUSTRIOUS HEN CO., Knoxville, Tenn.



The Sure Way To Poultry Profits

Makes healthier
and more
productive
hens



Prof. James E. Rice, of Cornell University, says: "We have found Zenoleum a very satisfactory disinfectant in connection with our incubator and brooder work—our experience would justify our continuing to use Zenoleum."

Destroy Lice and Mites and Prevent the Spreading of Infectious Diseases

One who does not take proper care of his poultry has as much chance to raise them profitably as the man who tries to fill a sieve with water—it is absolutely necessary to keep poultry free from lice, mites and all disease-breeding germs and filth. When this is done, when they are given a fair chance, poultry will make you profits which, compared with the capital invested, are greater than in any other line of legitimate business. You can obtain these profits, easily and with hardly any effort, by the use of

Disinfectant,
Won't Poison,
Won't Explode,
Won't Burn

ZENOLEUM

A Carbolic, Cresol, Coal-Tar Preparation
"The Surest Lice Killer and Disinfectant"

A single quart is all that is necessary to rid 100 hens of lice, mites and germ filth—it cures and prevents all ordinary poultry ailments and diseases—contains nothing that is injurious—insures cleanliness and safeguards your poultry's health and your own profits. It is "the best coal-tar, carbolic, cresol disinfectant dip made" and an absolute necessity to every farmer and poultry raiser.

Sold Everywhere

—and positively guaranteed to be satisfactory. If Zenoleum is not all we say it is—or even what you think it ought to be, you can have your money back—no argument, no letters, just money. Ask your dealer first, but insist upon Zenoleum and don't take a substitute—if he can't supply you, we will deliver to your station, charges prepaid—1 gal. \$1.50; 5 gal. \$6.25. 8-oz. size, 25c at your dealers. 35c from us prepaid. **Equally beneficial for live stock.** Write for free books, "Chicken Chat" and "Veterinary Adviser"—the latter is invaluable to stockmen. Your name on a postal will do.

The Zenner Disinfectant Co., 201 Lafayette Ave., Detroit, Mich.

Has a Clean,
Wholesome,
Inoffensive,
and Pleasing
Odor

Hatches a greater
number of healthy
chicks and pro-
tects them from
disease.



Prof. W. R. Graham, of Ontario Agricultural College, says: "The addition of Zenoleum proved of the greatest value in maintaining the vitality of the chicks—producing 9% more. I would use this substance in every machine set." Send for official report.

Used and endorsed by 46 agricultural colleges

DAFCampbell, Abingdon, 2ckl; 3pen. A L Hughes, Abingdon, 1,3ckl. HCAAdams, Lynchburg, 2hen; 2,4ckl; 1,2pul. JohnWNeal, Abingdon, 4pul. Caswell Taylor, Abingdon, 2pen. *White Leghorns*—Southwest Va. Plyt. Farm, Chilhowie, 1,3,4ck; 3,4pul, 1,4ckl; 1,3,4pen. Archer&Ristine, North Holston, 1hen. D F Parker, Marion, 2ck. MrsJCSandoe, Abingdon, 2hen; 4hen. SJJatture, Abingdon, 3hen, 2ckl; 2pen. WSMatthews, Big Stone Gap, 1,2pul. *Buff Leghorns*—ETBrady, Abingdon, 1,2,3,4ckl; 1,2,3,4pul; 2pen; 1,2hen. JFNidermaier, Abingdon, 3hen. MissAnnieCWhite, Abingdon, 4hen. *Black Minorcas*—DrECHamilton, Abingdon, 2ckl; 1,2,4hen; 3pul. MrsCFPalmer, Abingdon, 3dhen, 2ckl; 1,2,4pul; 1pen. MA Barbee, Abingdon, 3ckl. *Buff Orpingtons*—DrECHamilton, Abingdon, 2ck; 3hen. LSMcGhee, Bristol, 1hen; 3ckl; 3pul. CHTramel, Bristol, 2hen; 4ckl; 4pul; 1pen. AAMcCorkle, Lynchburg, 1pul, 2pul; 2ckl. RELSmith, Abingdon, 4hen. *Barred Rocks*—MHSmith, Abingdon, 3ck; 1,4ckl; 3,4pul; 1,2pen. Mrs C F Palmer, Abingdon, 2ck; 3ckl; 3pen. W T Booker, Abingdon, 1hen; 2ckl. SJJatture, Abingdon, 1pul. RRCampbell, Abingdon, 2pul; 4pen. *White Rocks*—PMSwartz, Fairwood, 1hen; 1ckl; 2pul. Archer & Ristine, North Holston, 3,4pul. *Buff Rock*—P M Swartz, Fairwood, 1ckl. *Golden Polish*—Archer & Ristine, North Holston, all awards. R. C. Rhode Island Reds—EWTrent, Lynchburg, 1, 2ck; 2,3,4hen; 1ckl; 1,2pul; 1pen. WTBooker, Abingdon, 2ckl; 3,4pul. S. C. Rhode Island Reds—MrsJVParks, Abingdon, 1ck; 2hen. Dr E C Hamilton, Abingdon, 2ck; 4hen; 4pen. Eugene Magri, Lynchburg, 3ck; 1hen; 3pen. MrsWEMingea, Abingdon, 1,4ckl. RCCopenhaver, Tazewell, 2ckl; 1,2,4pul; 1pen. NSPreston, Seven Mile Ford, 4ck; 3hen; 3ckl; 3pul; 2pen. *Buff Wyandottes*—WCGriffin, Bristol, Tenn., 1ck; 1hen; 3hen; 2ckl; 1,2pul; 2pen. JHerbert Hayes, Bristol, Tenn., 2ck; 2,4hen; 4pen. *Silver Wyandottes*—MrsGeo Bailey, Abingdon, 2ck; 2,3hen; 2ckl; 3,4pul; 2pen. Mrs W F Robertson, Abingdon, 3ck; 1,2pul; 3pen. H M Bellamy, Abingdon, 1,4hen. *White Wyandottes*—WmMMurrell, Lynchburg, 1,2hen; 1,3ckl; 1,2pul. REGreer, Meadowview, 2ckl; 3,4pul. *Partridge Wyandottes*—Seaton T Preston, all awards. *Pekin Ducks*—WTBooker, Abingdon, 1drake; 1,2duck. AFRamsey, Abingdon, 2drake; 3,4duck. *Indian Runner Ducks*—DF Smith, Abingdon, 1,2drake; 1,2duck. MrsGG Kreger, Abingdon, 3drake; 3duck. ESClark, Abingdon, 4drake; 4duck. *Emden Geese*—RR Campbell, Abingdon, 1goose; 1gander. MrsGG Kreger, Abingdon, 2goose, 2gander. *Toulouse Geese*—JamesVance, Abingdon, 1gander. *Bronze*

EGGS From PRIZE-WINNERS

I am selling eggs from the finest laying strains of S. C. Buff Orpingtons that have rich golden color, well mated from prize winners, at \$2 and \$3 per 15; from line-bred S. C. White Leghorns at \$1 and \$2; from well-marked, white and fawn Indian Runner Ducks at \$1 per 12. Satisfactory hatch guaranteed.

MRS. E. S. PAYNE : : : Castalian Springs, Tenn.

KILMAN'S RHODE ISLAND REDS

SINGLE COMB

First prize winners at Memphis, Corinth, Huntsville, Little Rock, Hot Springs, Mariana and Fort Smith. Silver cup at Hot Springs. \$50.00 in gold, also shape and color special both male and female at Memphis. Eggs—\$2.00, \$3.00 and \$5.00 per 15. Pens mated.

W. F. KILMAN, Bald Knob, Arkansas

STOP! LOOK!! LISTEN!!! Swadley's PARTRIDGE WYANDOTTES



Of Highest Known Breeding

That win in any competition in the hands of the leading judges in the United States. Five years of unprecedented winnings in the leading Southern shows. A few of my winnings this year:—Dalton, Ga., 1st cock, 1st cockerel, 1st and 2d hen, 1st and 2d pullet; Asheville, N. C., 1st cock, 2d and 4th pullet, 3d and 4th hen, 1st pen, also silver cup for highest scored cock of any kind in show; Bristol, Tenn.-Va., 1st and 2d pullet, 2d and 4th hen, 2d cock, 2d pen. A few cockerels for sale. EGGS, per setting of 15, \$2.50. Reference, any Johnson City bank

R. A. SWADLEY
JOHNSON CITY, TENN.

THORNILEY'S ANCONAS

Small eaters, big layers and great payers. Line breed for heavy winter egg production and standard requirements. I can furnish you with utility or show stock at living prices. Circular and price list free. W. J. THORNILEY, Route 1, Marietta, Ohio. Life member A. P. A., Member Ancona Club of America.



PATTERSON'S CHAMPION WHITE ROCKS

Win Again in Augusta, the Quality Show of the South,
And Still Hold Records as Champions of the South.

At the above show we won 1st and 5th pens, 1st cock, 1st hen, 3d pullet, 4th cockerel, the cash prize for the best display of White Rocks and the special ribbon for the best display of Plymouth Rocks. This year I have more young birds than ever before and can give you just what you want. Cockerels, \$3, \$5 and \$8; Pullets, \$2, \$3 and \$5. Birds that have size, shape, snow white and the best of eyes, with low, even combs. Eggs now ready for hatching at \$2, \$3 and \$5 for 15; \$10 per 100. We also have "Ringlet" Barred Rocks and a number of good birds for sale.

PATTERSON FARM, Fitzgerald, Ga.
We Ship Everything on Approval.

S. C. R. I. Reds, red to the skin. **White Orpingtons**, pure white. Eggs, \$1.50 per 15. **Luther B. Hodge, R. 1, Box 46, Morristown, Tennessee.**



Wealth in Poultry

300 page book shows you. Illustrated. Teaches How to Raise for Profit. 200 Vital Subjects; Indexed. 20 Disease Cures. Circulars FREE. **THE INDUSTRIOUS HEN CO., Knoxville, Tenn.**

RYLAND'S S. C. W. LEGHORNS

Indian Runner Ducks, Fox Terrier Dogs, S. C. R. I. Reds. My chickens get my entire time. I HAVE NO OTHER BUSINESS.

A. P. RYLAND, Pine Hill Farm, Pine Bluff, Ark.

SINGLE COMB WHITE and BROWN LEGHORNS

Vigorous, non-inbred, extra laying strain. Eggs, \$1, \$1.50 and \$2 for 15.

GEO. H. PLAGE, 1402 S. 49th St., Omaha, Neb.

Turkeys—Mrs. C. F. Palmer, Abingdon, 1tom, 3hen. P. F. Hope, Watauga, 3tom, 2hen. C. P. Hope, Watauga, 2tom, 1hen. **White Holland Turkeys**—Dr. E. T. Brady, Abingdon, all awards.

Jackson, Tenn., Show

The first annual poultry show by the Madison County Association closed at Jackson, Tenn., Jan. 21. The exhibit was splendid and attracted much comment. The following varieties were exhibited: The Single and Rose Comb Rhode Island Reds, White Leghorns, White Orpingtons, White Wyandottes, Hamburgs, Light Brahmas, Partridge Cochins, White Plymouth Rocks, White Crested Black Polands, Indian Game and Black Minorcas.

Mr. H. B. Lansden, of Manchester, judged the show, and his knowledge of chickens and impartiality of his awards were accepted without criticism. The total number of birds in the show was 300, all high-grade chickens, and the impetus given by exhibition will result in greater development in this important industry in this section of the State.

J. J. Losier and Dr. J. T. Herron, of Jackson, were leaders in the movement, and, together with all interested, are much gratified with the results of the first exhibition.

Big Incubator Manufacturers

This ought to be a big year for poultry raisers. Not only are prices high and the demand good—but the initial expense of starting in this profitable line has been greatly reduced and the chances for success greatly increased by a recent move of one of the big incubator and brooder manufacturers.

Mr. J. S. Gilcrest, president and general manager of the Des Moines Incubator Co., for good and sufficient reasons, as he states in his advertising, which is now appearing in this paper, has this year decided to do away with the expense of traveling salesmen and jobbers and is selling his well-known line of successful incubators and brooders direct to users at real factory prices.

To realize the importance of this step to poultry raisers, one must remember that the Successful line has been on the market over sixteen years. Successful Incubators and Brooders are proved money-makers. For this reason they cannot be compared in any way with ordinary incubators that are sold by mail, for they are not mail order incubators.

Mr. Gilcrest has such faith that poultry raisers will be quick to take advantage of this opportunity that he has largely increased his facilities and in this way he has still further been able to reduce the price on his machines.

In order to explain fully his reasons for changing his plan of selling, Mr. Gilcrest has published a book telling some inside facts about the Incubator business and containing a vast amount of valuable information for poultry raisers, which he wants to send free to every reader of this paper. The Editor has a copy of Mr. Gilcrest's book and it is interesting reading. If you want one, write direct to the Des Moines Incubator Co., 364 Second St., Des Moines, Iowa.

Spring Publications

Harper & Brothers announce that among the new works of fiction by well-known authors they have arranged to publish this spring there will be novels by Justus Miles Forman, Kate Langley Boshier, Anthony Hope, Irving Bacheller, Louise Closser Hale, Holman Day, Justin Huntly McCarthy, Harriet Prescott Spofford, and H. Perry Robinson. The same firm will also publish novels by William Samuel Johnson and Marjorie Patterson, writers new to the public.

Successful Breeding of Poultry

Fowls, like men, need variety of diet. In winter, food that heats the blood is entirely proper; in summer it should be avoided. Middlings in summer may be replaced in part by cornmeal in winter; but too much cornmeal results in unhealthy fattening and it ought always to be mixed with wheat middlings, not given pure.

It is safer to give fattening food to the smaller and lighter hens than to the larger and heavier ones. Avoid too much potato; it is starchy and fattening.

Wheat is the ideal grain food and is practically as cheap as other grains which do not go so far or furnish so much for flesh and eggs. Barley and buckwheat are good egg producers, but too costly for a regular diet. Never feed anything but sound grain; musty or moldy grain will cause sickness, decrease in egg yield and often death among your most valued fowls.

Where the fowls are but few in number, the scraps from the table will be all they will

BUFF ORPINGTONS STOCK AND EGGS FOR SALE

Some rare bargains in good breeding males and females. One exceptionally fine pen of birds at a real bargain. Eggs, from pen No. 1 at \$5.00, and pen No. 2 at \$2.00 per setting of 15. These eggs are all from prize winners. I won in two shows last season five first, three second, two third and one fourth prizes, and the sire of the cock that heads my first pen is a first prize Madison Square winner. The females in my first pen are daughters of a first prize hen at Baltimore. -:- -:- -:-

SIDNEY J. SPAIN, Koseiusko, Miss.
SATISFACTION GUARANTEED CIRCULAR FREE

RIVER HOME POULTRY YARDS

Office: No. 11 Port Lawrence Bldg., TOLEDO, O.

Yards: PERRYSBURG, O.

LIGHT BRAHMAS, BARRED PLYMOUTH ROCKS

amateurs or professionals, who want the best, either for utility or exhibition purposes. Our breeding pens this year contained our New York, Chicago, Toledo, Detroit and Indianapolis winners. As a result we have young stock that is unsurpassed. We want to hear from those breeders, whether Light Brahmata and containing handsome, un-retouched photos of them. The other one is equally beautiful and describes our Barred Plymouth Rocks. Send ten cents in silver or stamps and tell us which variety you wish and we will mail you the handsomest illustrated poultry catalog you have ever seen. We are also the General Agents and Distributors for the famous

NORWICH AUTOMATIC EXERCISERS AND FEEDERS

This is the machine that has revolutionized the methods of feeding dry grain. They are the only practical Automatic Feeders on the market today. They will protect your feed at night from the Rats, and by day from the Sparrows, and at all times from the Weather. They will save their cost in three months' time in feed alone. They are pronounced by Mr. U. R. Fishel to be the greatest feed and labor savers ever invented. Mr. A. E. Martz, Pres. of the Nat'l S. C. Buff Orpington Club, says that there is nothing like the Norwich Automatic Feeder for keeping hens in fine laying condition. The Norwich Automatic Exerciser and Feeder is the only one built on scientific lines. The feed is always within sight of the birds, thus affording them an inducement to work the Feeder, which will not fail. The machines are made of galvanized iron, and will not wear or rust out. They can be used inside in winter and moved outdoors in summer. They are as necessary for the city man as for the man raising 5,000 birds on the large specialty farm.

The demand for these machines has become so great that we are now placing them on sale in nearly all of the large Poultry Supply Houses and Feed Stores in the Central West. If your dealer does not carry them, send us a postal and we will mail you our free booklet describing the machines and telling you all about our THIRTY DAYS FREE TRIAL. Prices and sizes of the Norwich Automatic Exerciser and Feeder:

No. 1—8 Qt. Suitable for about 12 Chickens \$2.50
No. 2—14 “ “ “ “ 20 “ 3.25

No. 3—20 Qt. Suitable for about 40 Chickens \$4.10
No. 4—32 “ “ “ “ 50 “ 5.00

Discounts on quantity orders. All machines shipped from Toledo, O. Free booklet if desired, but to save time and insure prompt shipment, we advise ordering direct from this ad. Following are a few of the many letters which we are receiving daily from satisfied users of the Norwich Automatic Exercisers and Feeders:

Hope, Ind., Oct. 10, 1910.

River Home Poultry Yards, Toledo, O.

Gentlemen: I wish to tell you that the longer we use the Norwich Automatic Exercisers and Feeders, the better we like them, and we have found them to be the greatest saving devices we have ever had on the farm. As you know, I now have over thirty of them in use, and no man could buy them from me for three times what they cost me if I had to do without them. I wish that all poultry fanciers could know the great saving which they make in feed bills, to say nothing about their other good qualities which they possess.

(Signed) U. R. Fishel.

Shreveport, La., Dec. 31, 1910.

River Home Poultry Yards, Perrysburg, O.

Gentlemen: The Norwich Automatic Feeders I purchased from you are giving perfect satisfaction. They save work, save time, and save grain, and the hens are laying well. A good point in favor of the Norwich Feeder is the fact that the hens eat all the grain as it falls, whereas when I feed them in hoppers, they would eat the grain they liked best and leave the other. I would not be without the Norwich Automatic Exerciser and Feeder.

(Signed) H. A. Poleman.

Bement, Ill., Dec. 26, 1910.

River Home Poultry Yards, Toledo, O.

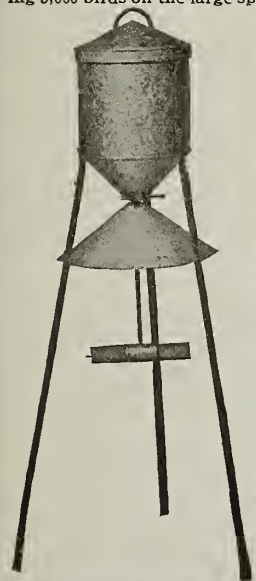
Gentlemen: Inclosed please find my order for ½ dozen more of the Norwich Automatic Feeders. I want to say that after using your trial machine for over two weeks, that it is the best thing yet. My pen of 17 Crystal White Orpington hens and pullets worked it from the very first. I ordered a — at the same time, and am today sending it back, as my birds refused to work it. Please rush shipment.

(Signed) Troy Medaris.

Bernice, Ia., Dec. 9, 1910.

River Home Poultry Yards, Perrysburg, O.

Gentlemen: I am more than pleased with the four Norwich Automatic Exercisers and Feeders which I bought of you, and I would not take twice the value of them if I could not purchase them again, and I assure you that, as my poultry business increases, so will the number of Norwich Feeders increase. They are the stuff. I recommend them to any one in the poultry business, and assure you that your chickens will get feed, and will get exercise at the same time.

(Signed) Bernice Poultry Block,
T. E. Newton, Prop.

need in the way of meat; or, if they have a wide range they will supply themselves. With a large number of fowls and a comparatively small run, they should have a little liver mixed in their food every third day or so.

Don't try to get along without a bone cutter. Fresh cut bone given twice a week in winter, will keep the fowls healthy and add greatly to the egg yield.

The most valuable aid to the production of eggs is Pratt's Poultry Regulator. All food is of more value when it is used. It aids digestion—is a safe tonic, gentle stimulant and a wonderful preventive of disease. The most successful poultrymen and professional breeders all over the United States have been using Pratt's Poultry Regulator for years and highly recommend it.

A Boon, St. Valentine!

St. Valentine, a boon I crave;

A boon of your bestowing.

It is a heart I would enslave

Without the owner's knowing.

Some men are just a little shy,

And he among the number;

It would not do for me to sigh—

That would our friendship sunder.

For friendship oft to love may turn,

But love to friendship, never!

Dear Patron Saint, help him discern

That I am good—and clever.

I would not ask this, dear old Saint,

But I—I think he loves me;

And only has that heart so faint

That never won fair ladye.

—February Lippincott's.

Perfect Shipping Boxes

How to ship day-old chicks without loss, and eggs for hatching without loss, is the problem that many breeders will have to solve this season. Wooden boxes add to the express charges and baskets are not the best in the world, as they are made of too light a material and are easily crushed.

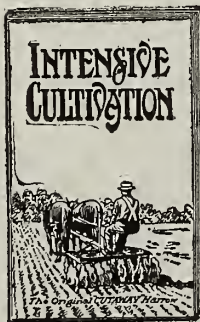
The better methods breeders use for the shipment of eggs and chicks to protect their

customers, the more trade they will receive, nothing pleases a customer more than to have a good hatch from the eggs they pay good prices for.

The Rippley Mfg. Co., Grafton, Ill., seem to have solved the problem in the way of perfect shipping boxes for chicks and eggs.

THE NEW FARMER

The "rube" has been succeeded by the "agriculturist." There's as much difference between the "rube" and "agriculturist" as between corn and cucumbers. The modern farmer is a business man, a student, and a progressionist. The result is a great change in cultural methods.



Mould-board plows and drag cultivators are being replaced by "Cutaway" tools. Farmers now realize that cultivation is not merely a matter of softening the ground. Thorough, frequent cultivation stirs the soil, lets in air and sunshine and new life, killing foul vegetation. "Cutaway" tools effect perfect sub-soil connections; save time and labor; increase crops 25% to 50%.

Send postal to-day to The Cutaway Harrow Co., Higganum, Conn., for new booklet "INTENSIVE CULTIVATION." It's free.

Adv.

PURITY WHITE WYANDOTTES Kellerstrass Strain WHITE ORPINGTONS WHITE HOLLAND TURKEYS

Winners at Missouri Valley Show, American Royal and Missouri State Show, Kansas City, Mo., 1910. Stock for sale at reasonable prices, guaranteed to please. Book egg orders early, as demand is heavy. Send for mating list, BELLAIRE FARM, R. F. D. 5, Box B-173, Kansas City, Mo.

"THE KIND THAT PAY" S. C. RHODE ISLAND REDS and SNOW WHITE STRAIN

WYANDOTTES that are snow white; REDS that are cherry red. Ribbon winning strains. Full standard weight. Hen's record: 201 eggs in nine consecutive months. We breed from yearling hens for vigor. 13 eggs, \$1.50. Write for circular. ORANGEVILLE POULTRY YARDS, Box 302, Orangeville, Pa.

WHITE WYANDOTTES

Bred from the Royal strain of White Wyandottes. Fine cockerels for sale that will satisfy—large snow white fellows that will improve the best pens. Write me for what you want. Send your orders for eggs and day-old chicks.

NELSON PURDUM, JR., 159 Vine St., Chillicothe, O.

R. C. R. I. REDS

(Chase & Sibley Strains.)

Good rich red salmon under-color, red eyes, yellow legs. EGGS, \$1.50 to \$3.00 per 15.

MRS. L. SCHNEE, R. 5, Box 71, Jonesboro, Ark.

Rippley's Perfect Shipping Boxes

For Day Old Chicks-and Eggs



Size	Doz.
15 Egg	\$1.00
30 Egg	1.65
50 Egg	2.50
100 Egg	4.00

Stand the weight of 5 men. Made of strong corrugated card board. Dead air cells keep out heat and cold. Chick boxes have perfect ventilation. These boxes deliver the chicks 3,000 miles safely, and eggs in a hatchable condition, and save express charges. Satisfaction or money returned.

Cheapest and Best Boxes Made

Order from this advt. Special prices on 200 boxes or more and pay freight on 500 boxes. Shipped knocked-down to save in freight charges. Catalogue Free of Egg, Day Old Chick boxes, Coops, Brooders, Hot Water Brooder and Brooder House Heaters, Feed Cookers, Whitewashers, Sprayers, Bone and Clover Cutters, Carts, Lice Killers, Feed, etc. Write postal.

RIPPLEY MFG. CO., Box 034, Grafton, Ill., U. S. A.



Perfect Chick Boxes

100 Chick Size	• \$2.65 Per Doz.
50 Chick Size	• 1.60 Per Doz.
25 Chick Size	• 1.25 Per Doz.

They manufacture a full line of chick boxes made in 25, 50 and 100 sizes; they also make a fine line of egg boxes, 15, 30, 50 and 100 egg sizes, for the shipment of eggs for hatching.

We, with pleasure, show electrotype of these chick boxes, which are made of strong corrugated card-board paper, which have dead air cells to keep out the heat and cold, and are so strong that they will stand the weight of five men, without crushing. We have just received a fine catalogue from the above firm,



which is full of recommendations from the best breeders in the United States that say Rippley's perfect boxes are well named. If you have any eggs or chicks to ship, be sure to write the above firm or order direct from their advertisement in this issue.

Harper Books Reprinted

Harper & Brothers announce that they are reprinting this week four volumes of the history "The American Nation," as follows: "Provincial America," by Everts Boutell Greene, Ph.D.; "France in America," by Reuben Gold Twaits, L.L.D.; "Preliminaries of the Revolution," by George Elliott Howard, Ph.D.; "Rise of the New West," by Frederick Jackson Turner, Ph.D.

Newtown Producing Co. Baby Chicks

During the spring of 1910 we incubated over 80,000 chicks and ducks, which were shipped to all parts of the United States east of the Mississippi River, and, in a few instances, west of it, and in great numbers to Canada. In shipping baby chicks, we will accept no orders where we know the chicks will be too long a time in transit. We have found, however, that the long shipments are often given better attention by the express companies and delivered in equally as good condition as those to points near home. No doubt the famous vitality of Newtown stock has influenced our experience in the matter of shipments. For instance, late in the season of 1910 we had a shipment of chicks which went to Canada and were five days old when received, every chick alive and in good condition.

All shipments go forward by the United States Express. We are but a short distance from Philadelphia, and our plant being directly opposite the railroad station, allows us to get off the orders early in the morning, so that, in most instances, they are received the evening of the day shipped.

We have not space to expatiate upon this interesting part of our business here. We have printed a little booklet, however, that will give you detailed information and shows some remarkable tests of the magnificent vitality of Newtown stock. We'll send it free. Write for one now.

The Last Blue Ribbon

How a prize rooster died from excitement and overtraining is told by William Hemmingway in the current issue of *Harper's Weekly*. It was a real tragedy, and occurred at Madison Square Garden, New York. It began when a young upstart from down Providence way annoyed Startle by his crowing. "He had a harsh, rasping, underbred voice, and he kept roaring 'Licked-'em-all-but-you-ou-ou!' and added insult with, 'Going-to-get-you-too-oo-oo!'" But when the ribbon was tied on Startle's cage the upstart was hushed. "The champion paraded from side to side of his cage with slow and stately stride. Suddenly his breath stopped. His heart felt as if a spur had been driven through it. His wings dropped. Startle fell forward in the sawdust. The strenuous life had killed him."

Prepaid Eggs For Testing

President Townsend, of the National Poultry Association, is conducting his third series of valuable and interesting tests of various breeds, foods and appliances. These tests cover laying, hatching, vitality, growth, maturity, housing, feeding, etc.

His testing yards this season are made up of birds to decide the practical merits of high-grade show stock—to prove whether blue ribbon birds are also blue ribbon layers and breeders. There is a pen of Noftzger's Partridge Rocks,

500 "RINGLET" ROCKS and REDS

I have the finest lot of early cockerels and pullets I have ever raised, many of them blue ribbon specimens. The "Ringlets" show that elegant, clean, narrow blue barring so desirable. Line-bred to Standard requirements, and for egg production. I make a specialty of fine cocks and cockerels to improve your stock.

Thompson's "Ringlets," Buff Rocks, Fishel's White Rocks, Duston's Wyandottes and Thompkin's non-fading R. I. Reds

Show record for 1910: 1st and 2nd cock, 1st and 2nd hen, 2nd cockerel, 2nd and 3rd pullets, 1st and 2nd pens. At Burlington, Greensboro and Raleigh, I won 29 firsts, 27 seconds and cash prize offered by the state. Eggs from 1st prize matings, \$2 and \$3.

DR. JNO. W. LASLEY

BURLINGTON - - - NORTH CAROLINA

BARRED ROCK EGGS

FROM the Best Barred Rocks in the South. I breed the best and my Show Record will show the quality of birds I breed, winning highest honors at every leading show entered. No better birds for winning or laying in the South than Wood's Barred Rocks. Eggs from Fancy, Prize-Winning Stock, \$3 per 15, \$5 per 30. A good hatch. Order today.

JAS. B. WOOD, Box 30, Brooks, Ga.

EAST END ORPINGTON YARDS

SINGLE COMB WHITE EXCLUSIVELY

Big white, low-down chickens. Best Orpington type and color. Have taken prizes wherever shown. Strain founded from finest blood lines in America—Cook, Kellerstrass and Owen Farms. Eggs, \$2.00 per 15 and up. Stock at all times. No culls sold. Satisfaction guaranteed.

JOHN J. HASKELL & CO., Prop. : Falls Church, Va.

MEMBER OF THE AMERICAN WHITE ORPINGTON CLUB



White ORPINGTONS

(KELLERSTRASS AND M. BROWN STRAINS)

In my yards are 1st and 3d cock, and 3d cockerel at Memphis; 1st cock at Jackson, Miss.; 2d cock and 2d pullet at Columbus, and cockerel and pullets that have never been shown. Sired by Crystal Palace winners and Champion of England. Setting from 1st pen, headed by 1st cock at Memphis and Jackson, \$5.00. EGGS:—\$3.00, \$5.00 and \$10.00.

HARRY CALLICOTT :- Coldwater, Mississippi.

LANGFORD'S SINGLE COMB RHODE ISLAND REDS

NEW YORK, GRAND CENTRAL PALACE, 1910, won 1st and 2d cocks; 1st hen; 1st cockerel; 2d pen; cup for champion male; cup for best display, and Grand Central Palace cup for best cock, hen, cockerel, pullet and pen. Winners at Madison Square Garden, New York, Jamestown, Boston; also at the leading shows of the South for six years. Send for new catalogue which describes CHAMPIONSHIP MATING and other yards—the best I have ever handled.

FRANK LANGFORD, ROUTE 10, NASHVILLE, TENNESSEE

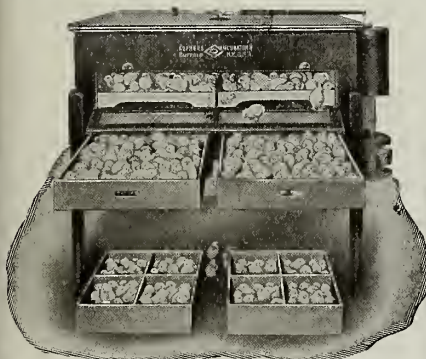
including noted prize winners; a show pen of S. C. R. I. Reds, entered by Lester Tompkins; some very choice Orpingtons; a pen of R. C. Reds, entered last season by the late R. C. Tuttle, and continued for additional tests; some fine Wyandottes, choice Leghorns, and a show pen of Fishel's White Rocks, with a record for non-sitting and heavy laying.

To make the tests as wide as possible, Mr. Townsend will supply a few eggs from these pens at nominal cost and send them by express, charges prepaid. Reports will be required on hatching, growth and maturity. Only a few can be spared to one person. Send stamp for agreement and particulars to C. F. Townsend, Weedsport, N. Y.

Sample Big Hatches

It is truly remarkable what good work a really good incubator will do. Herewith is shown a picture made from the photograph of a Standard Cyphers Incubator, showing what a hatch of 331 White Wyandotte chicks look like.

Many actual hatches of this size are told of in the 1911 Complete Catalogue and Poultryman's Guide, entitled "Profitable Poultry Raising," published by Cyphers Incubator Co., Buffalo, N. Y., a 212-page book, copy of which will be mailed free to every reader who will mention this paper.



A "CYPHERS" OVERFLOW MEETING.

How a hatch of 331 White Wyandotte chicks look in a No. 3 Cyphers Incubator. The nursery drawers are a great convenience, but quite often their capacity is taxed to the limit.

Henry W. Brandt, 407 North Main St., Wilkes Barre, Pa., hatched 365 chicks from 380 eggs placed in a No. 3 Standard Cyphers and raised 352 of the chicks to market size. The next trial from 350 fertile eggs he hatched 347 chicks and raised 342.

Mrs. C. A. Peabody, Reedsburg, Wis., took 400 eggs in a No. 3 Cyphers Incubator to the Reedsburg Fair, hauling the machine six miles on a lumber wagon and the first day of the Fair, August 6, 1910, from 400 tested eggs, 393 chicks, "all very smart—not a cripple in the lot."

Theo. R. Browne, 233 Hinkley Ave., Rockford, Ia., ran fine hatches in a No. 3 Standard Cyphers and from 1,586 eggs hatched 1,454 chicks.

My Bred-to-Lay BARRED ROCKS and BUFF LEGHORNS Have Won FIRST PRIZE

wherever shown, including Atlanta and Alabama State Shows. Nothing but the best in my pens. Will spare a few settings at \$5.00. These eggs will hatch sturdy youngsters that will win for you in the show and keep the egg basket full at home.

H. H. MURRAY :: Newnan, Ga.

BUFF ROCKS THE WINNING KIND

Breeding Stock Eggs for Hatching

At Nashville, Knoxville, Pensacola, Birmingham and Gadsden, our EXCELSIOR BUFFS won more first prizes than all competitors. Handsome illustrated catalog giving winnings in full and telling of our matings for the season awaiting your request.

W. P. HOFFERBERT : Buff Rock Specialist : Gadsden, Ala.

Choice Breeders CECIL PLACE, the Home of the Eggs for Hatching

PARTRIDGE WYANDOTTES

Send for catalogue and list of winnings at such shows as Baltimore, Pittsburg, etc. Let me tell you why they are the best of all the Wyandottes.

M. N. GECIL : Route 4 : Elm Grove, W. Va.

TRANHAM STOCK & POULTRY FARM

IN SOUTHEAST ARKANSAS, AT MONTICELLO.

Eggs for sale from prize-winning pens. S. C. Rhode Island Reds, S. C. Buff Orpingtons, S. C. White Leghorns, S. C. Brown Leghorns. Nothing scores less than 92% in these pens, and score up to 94%. Cockerels score 94% mated to these pullets. Prices of these eggs are from \$3 to \$5 for a setting of 15. Also R. C. Brown Leghorn eggs, \$2 to \$5 from first prize winners, and Mammoth Bronze Turkey eggs, \$6 per setting of 13, mated with tom weighing 40 pounds. Give us your order; we can please you.

H. M. TRANHAM & SON

Monticello, Arkansas.

Barred PLYMOUTH ROCKS Exclusively

HAWKINS' ROYAL BLUE STRAIN

Won at Kentucky State Show, Lexington, Ky., 1911, 1st cock and 4th hen in hot competition. Am booking orders for eggs. Won at all the leading county fairs during 1910. **SOUTH VIEW POULTRY FARM, Clarence B. Blythe, Prop., Route 2, Frankfort, Ky.,** Member Kentucky Poultry Association, American Poultry Association and American Plymouth Rock Club.

S. C. WHITE LEGHORNS

BEST QUALITY ONLY. In four shows, three of the best in the South, won very near every first. At Ashville—1 cock; 1, 2 cockerel; 1, 2, 3 pullet; 1 pen; have not had full report. **Gastonia**—1 cock; 1, 2 cockerel; 1, 2, 4, 5 pullet; 1 pen; specials, and best pair and pen in show, all varieties. **Hickory**—All first and specials for best pullet and cock in show. **Charlotte**—1, 2 cockerel; 1 pullet; \$100 special for best male bird in show and other winnings. Cockerel declared to be the most magnificent specimen in shape, color and size ever shown in the South. Write for prices of eggs from these fine birds.

GEO. E. BISANAR : : : Hickory, N. C.

MILLER'S PARTRIDGE ROCKS

Are the winners once more. 1st cock, 1st and 2d hen, 3d pullet, 2d pen, and also all specials in this class. All egg orders booked now. Come on, boys, and get in with the rest of us. **EGGS: \$10, \$8, \$5, \$3 per 15.** Send for mating list.

H. C. MILLER 751 Elma Street, AKRON, OHIO

S. C. White LEGHORNS

—D. W. YOUNG STRAIN—

I have a few choice cockerels left. Mating list now ready. I advise placing your orders early for eggs to be sure of getting them when wanted.

S. F. SHALLCROSS : : Box 12, Odessa, Del.

WHITE ORPINGTONS BUFF

—OF QUALITY—

Pens now mated for egg trade. Satisfaction guaranteed. Seven years experience. Mating list sent on request.

DR. J. A. POSEY, Route No. 2, Frankfort, Ky.
Please Mention "The Industrious Hen."



**CHAMBERLAIN'S
PERFECT CHICK FEED**
The Only Original Dry Chick Feed and The World's Standard.
FOR SALE BY
Otto Schwill & Co., Memphis, Tenn.
L. Levy Gro. Co., Baton Rouge, La.
J. Steckler Seed Co., N. Orleans, La.
J. H. Stevens & Son, Columbus, Miss.
W. F. Chamberlain Feed Co., 316 & 318 N. Commercial st., St. Louis.

Quality S. C. WHITE LEGHORNS

EGGS FOR SALE

My pens are made up of the very best stock obtainable. Write me your wants. Member National S. C. White Leghorn Club.

MRS. LOUIS DOWNER **Guthrie, Kentucky**

Boost the LANGSHANS

The Best Egg Producers of Them All. My yards are mated up with fine, healthy, high-scoring, farm-raised stock. Eggs, \$2.00, \$3.00 and \$5.00 per setting of 13. Incubator eggs from healthy utility stock, \$5.00 per hundred. 20 years a breeder.

M. D. ANDES **Bristol, Tenn.**

Monte Sano S. C. RHODE ISLAND REDS

If you want Reds for beauty, for utility, for eggs, or for exhibition, the Monte Sano Strain are the birds that you are looking for. In my yards are many Blue Ribbon winners. EGGS—Pen 1, \$5.00; pens 2 and 3, \$2.00, per 15 eggs. Monte Sano Chief heads my No. 1 pen, and he is winner of several firsts. Only a few sittings will be sold from this pen. Twenty-five pullets and ten cockerels for sale. I guarantee satisfaction in sales of both birds and eggs.

W. L. WALL **Huntsville, Ala.**

Single Comb Rhode Island Reds and Single Comb White Leghorns

WORLD'S GREATEST WINNING AND LAYING STRAINS

I have a beautiful lot of cockerels and pullets for sale from \$2 to \$5 each. Birds of the highest type always for sale at honest prices. Eggs for sale at all times, \$1 to \$3 per 15. Some of my winnings for 1910: Knoxville, Tenn., Appalachian Exposition, Reds, 3-4 pul, 4 ckl; Leghorns, 5 ckl. Appalachian Fair, Newport, Tenn., Reds, 1-2 hen, 1 ckl, 1 pul, 1 pen; Leghorns, 1-2-3-4 pul, 1-2 ckl, 1-2 pen. Morristown Fair, Reds, 1-2-3-4 pul, 2-3 ckl, 1 ckl, 1-2 hen, 1-2 pen; Leghorns, 1-2-3-4 pul, 1-2 ckl, 1-2 hen, 1 ckl, 1-2 pen, silver cup for best display. Greenville, Tenn., clean sweep. Correspondence a pleasure.

HERBERT HAUN **Mohawk, Tennessee**

Prize-Winning BLACK LANGSHANS, WHITE INDIANS, HOUDANS

Eggs, \$2 and \$3 for 13. Pen of Black Langshans, headed by famous cock bird, "Mandarin," winner of 1st at Madison Square Garden, 1909-10; eggs, \$3 for 13. Bantams of bluest ribbon blood, White and Buff Cochins, Golden Sebright and Black-Tailed Japanese; eggs, \$2 for 13. Mammoth Bronze and White Holland Turkeys, Mammoth Toulouse and Embden Geese, eggs, \$3 for 9. Imperial Pekin and Indian Runner Ducks, and White African Guinea; eggs, \$1.50 per setting. Also Fancy Pigeons in mated pairs. I have in my yards birds that have won at Madison Square Garden, N. Y. State Fair, Hagerstown, Richmond, Charlotte, etc. Prices of stock on application. Circular free.

FLYNN ELLIOTT **R. F. D. 6, CHARLOTTE, N. C.**

Reeder's Louisiana Champion B. P. ROCKS

Beaumont, Texas, 1910—1st cock, 1st cockerel, 1st pullet, 1st pen; special for best pen Barred Rocks in show; 2d best parti-colored pen in show. Hillsboro, Texas, 1910—1st cock, 1st cockerel, 1st pullet, 1st pen; 2d best parti-colored pen in show; best pen Barred Rocks in show. Corsicana, Texas, 1910—1st cock, 1st cockerel, 1st pullet, 1st pen; best pen Barred Rocks in show; 2d best parti-colored pen in show. Dallas, Texas, 1910—1st hen, 1st pen, best cock, cockerel, hen and pullet; also silver cup. Pine Bluff, Ark., 1910—1st hen, 1st pen; also silver cup for best pen Plymouth Rocks in show. Galveston, Texas, 1910—1st and 2d cock; 1st and 2d pullet; 1st and 2d pen; special for best Barred Rocks and special for 3d best parti-colored pen in show. 9 prizes on 10 birds shown; 4 pen prizes.

W. W. REEDER **Minden, Louisiana**

CAMPBELL'S HIGH-SCORING EXHIBITION

Single Comb BUFF LEGHORNS

always in the lead as Blue Ribbon Winners wherever shown. At the great Appalachian Exposition, Knoxville, Tenn., won eleven ribbons on seven entries, including specials for shape and color, also silver medal and diploma for best cockerel in Mediterranean class.

—WRITE FOR MATING LIST—

MRS. C. B. CAMPBELL, **Asheville, N. C.**
Member and State Vice-Pres. American Buff Leghorn Club. Sec'y of N. C. Branch A. P. A.

A WONDERFUL INVENTION

CLARK'S DOUBLE ACTION COMBINED CULTIVATOR AND HARROW, can be used to cultivate crops in rows, as a Listing Harrow, and when closed together is a Disk Harrow cutting 4 1/2 feet wide. Drawn by two medium horses. Jointed pole. Perfect centre draft. A labor saver. Send today for FREE Booklet. CUTAWAY HARROW CO., 951 Main St., Higganum, Ct.

C. Flewwelling, Petaluma, Cal., throughout the hatching season of 1910 obtained "330 to 371 good, strong, vigorous chicks every hatch" from No. 3 Cyphers Incubators, hatching more than 20,000 "fine, healthy chicks" during the season.

For free copy of the 212-page book that tells all about these big, successful hatches, giving dates, names and full addresses of every operator whose report is quoted, address Cyphers Incubator Company at the place of business nearest you, as follows:

Factory and Home Offices, Buffalo, N. Y., Branches and Storerooms: New York City, 23 Barclay St.; Chicago, Ill., 340-344 N. Clark St.; Boston, Mass., 12-14 Canal St.; Kansas City, Mo., 317-319 S. W. Boulevard; Oakland, Cal., 1569 Broadway.

The Quest for Characters

Seeking in an out-of-the-way corner for what he hopes will be another of his unique character types, Norman Duncan, the discoverer of Labrador in fiction, has just gone to one of the extreme Southern States. Before starting he told his friends that he was on the track of material which promised as well as his last book, "Higgins, a Man's Christian," the story of a rugged six-foot-seven missionary among the lumber-jacks and what he accomplished for his fellows. Mr. Duncan will come North in the spring to write the book.

Alligators and Ostriches

Has it ever occurred to you that chicks and ducklings were not the only products of incubator hatching? There are geese you know, and ostriches and various others of the feathered tribe. One of the curiosities of incubator life is to be found in a photograph in the catalogue issued by the Reliable Incubator & Brooder Co., of Quincy, Ill. This picture shows an incubator full of little baby alligators—just hatched.

The photograph was taken on the Arkansas Alligator Farm and was accompanied by the following letter:—

Hot Springs, Ark.
Reliable Incubator & Brooder Co., Quincy, Ill.

Gentlemen—The incubator was received in perfect order. I think your new machines are excellent and well put together. I put it to work a few hours after I received it. I have been hatching alligators with your incubator and I enclose you a photo showing you the success that I am having. I hatched every alligator egg put in the machine in three successive hatches and am well pleased. The last machine I bought from you I shall use for hatching alligators and also chickens.

I shall recommend your machine to everybody wanting to purchase. I first got ac-

Here is the Paper you are looking for

You can make money from your poultry if you read the **IDEAL POULTRY JOURNAL**. Each issue is full of poultry information. Illustrated Profit-Increasing Articles, telling all about successful, natural and artificial incubating and brooding, profitable broiler and roaster raising and egg production; mating, exhibiting and judging, building poultry houses, coops and fixtures. Various departments including a **Breeders' Information Bureau** (free) published monthly, 50 cents a year.



FOUR MONTHS FOR ONE DIME

As an inducement for new subscribers, we will send **IDEAL POULTRY JOURNAL** four months for 10 cents in coin or stamps. **NOW IS THE TIME.** If you are not satisfied with the **IDEAL** at the end of the four months, write and tell us and we will cheerfully refund your money. Breeders everywhere recommend it. Send ten Cents to **IDEAL POULTRY JOURNAL COMPANY** 827 Perdido St. New Orleans, La.



I SELL EGGS OR DAY-OLD CHICKS BUFF WHITE BLACK ORPINGTONS WINNERS===LAYERS===PAYERS

I want you to represent **Schadt's Prize-Winning Strain of Orpingtons** in your vicinity. I can start you with Eggs or Day-Old Chicks of the quality that will satisfy. My prices are not inflated but represent the lowest figures that the best stock can be bought at. My winnings include such shows as New York, Chicago, Cincinnati, Cleveland and Indianapolis, but I have not exhibited for the past three years, preferring rather to furnish the goods that will win in my customers' hands. My Orpingtons have unsurpassed Utility Qualities. They have been bred for Egg Production for years. I have Four Grand Flocks of Farm Range Stock, besides

SIXTEEN GRAND PENS

for your selection. My handsome Catalogue contains original photos of many of my birds. I will gladly mail you a copy upon request. Remember I breed the Single Comb Variety of the Buffs, Whites and Blacks, and am the only large breeder of Orpingtons who sells Day-Old Chicks at practically the same price as Eggs. Send post card for Catalogue today.

WILL H. SCHADT, Box F, Goshen, Ind.

quainted with your machine when managing the Florida Ostrich Farms; used it there to hatch ostriches with good results.

Wishing you the success you so well deserve, I remain, Yours very truly,

H. I. Campbell, Mgr.

A word here concerning the Reliable Incubator may not be inappropriate. The factory of the Reliable Co. is located at Quincy, Ill., and is the largest incubator plant in the world. The floor space of this factory reaches the enormous figures of 118,400 square feet. Every modern equipment in the way of labor saving or money saving machinery has been installed. The policy of the Reliable Co. has been to sell direct from factory to consumer and to specialize on popular priced goods.

The special points emphasized by the Reliable Co., are the following:

Built on most scientific principles insuring even temperature and correct ventilation to all parts of the egg chamber alike, and controlling the moisture without artificial aid. Double heating system, saving one-third the oil and supplying more heat. Ventilator always under operators control.

Advantages for using and testing their own machines, afforded by their own monster farm for poultry raising. The "money back if not satisfied" guarantee under which all goods are sold.

These points are all well worth considering of a prospective buyer. They ship incubators to practically every civilized country on the globe. The Reliable Incubator is already so well known to poultrymen that it is the general standard to which all other makes are compared.

America and China

"America and China are now bound together," writes Frederick McCormick in an article on "How America Got Into Manchuria," in the February Century, "first, by common recognition of the necessity to China of independence, integrity of territory and jurisdiction, and freedom of development and trade, to the promotion of which America is committed; and, second, by reason of common rewards and rebuffs sustained in promoting China's policy and America's diplomacy. Together with the invasion of the Hu-kuang loan, the imperial sanction to the Kin-chau-Aigun contract completes America's entry into the Chinese empire. It supplies the desired basis, and displays the unprecedented opportunity achieved for American commerce and trade and for American influence in eastern Asia by President Taft and Secretary Knox within the short period of two years."

The Early Days of Incubation

As you would go to David Graham Bell to hear the story of the first days of the telephone so you should go to Geo. H. Stahl to get the details of the invention of the incubator. Mr. Stahl has been at it thirty-two years. Though his first incubator was very crude—still it was on the right principle, did the work, lived up to every promise made for it, and really hatched chicks. It was the first machine to be taken seriously and looked upon as a

really scientific hatcher. Each year's experience brought out the difficulties and careful study and hard work overcame them. Today the Stahl System of artificial hatching stands in the first place.

In talking over the early days of the business some weeks ago, Mr. Stahl said: "Our first aim was a machine that would actually hatch every fertile egg that we put into it. One that could be relied upon to surely and accurately do its work. Then we started simplifying the machine so that anyone could understand its workings and run it successfully. How successful we were is shown by the records of the machines we have on the market today."

Mr. Stahl manufactures the "Excelsior" Incubators and Brooders, the "I. X. L." Incubator and Brooder Combination, and the "Wooden Hen."

The artist has drawn a picture of Mr. Stahl astride a prize-winning rooster with a wonderful record. This picture is also used in the Stahl advertising.

A request to Mr. Stahl, Quincy, Ill., mentioning this paper, will bring you his new 1911 catalog free. Why not write for it today?

Deafness of Blue-Eyed White Cats

All white cats are not deaf, but most blue-eyed white cats are. It has never been discovered why the blue-eyed cats should have the tendency to deafness, but it is a fact, while there has never been a case known of a yellow eyed or green eyed cat being deaf unless by accident.—*St. Nicholas.*

BUFF WYANDOTTES

Combining highest exhibition and utility qualities. At Great Baltimore Show, 1911, won 1st and 2d cockerels, 1st and 4th pullets on 4 birds. Also winners at Lynchburg, Bristol, Front Royal.

EGGS—\$3 per 15, \$5 per 30.

JOHN HICKSON, III. Lynchburg, Va.

Write **HALE @ McCARTNEY, Box 464, Lebanon, Tenn.**

FOR THE BEST IN

R. C. RHODE ISLAND REDS

We are booking egg orders now at \$5.00 per 15—one price only. Our pens contain some of the best birds shown in the South this season. We won a ribbon on every entry at the Appalachian Exposition Poultry Show. No stock for sale.

Barred Plymouth Rocks, Mammoth Bronze Turkeys

THE PRIZE-WINNING KIND. Eggs from either pullet or cockerel mating of B. P. Rocks, \$2 for 15. The Giant strain Mammoth Bronze Turkeys—Pen No. 1, headed by Young Sampson, who weighed 55 lbs. at 1 year old, mated to five standard-bred hens. A few eggs from this pen for \$5 per dozen. Eggs from other pens \$3 per 9. Guarantee all eggs to be fertile. All stock farm-raised and very healthy.

SHADY LAWN POULTRY FARM

MRS. JAS. R. PHILLIPS, Proprietress, R. F. D. Box 10-G, SUGAR GROVE, N. C.

ROSE LAWN POULTRY FARM

Barred Plymouth Rocks of the Royal Blue strain. Stock for sale. Eggs, from 1st pen, \$2.00 for 15; 2d pen, \$1.50. S. C. Rhode Island Red eggs, \$1.50 for 15. Indian Runner Duck eggs, \$2.00 for 15.

L. B. HOWERY, Russellville, Tenn.

BUFF ROCKS, S. C. R. I. REDS

Won 1st cock, 2d and 3d cockerel and 3d pen on Buff Rocks at Georgia State Fair, 1910. Entered only one specimen of Rhode Island Reds, cockerel, winning 3d in class of 25 cockerels. Eggs for hatching from both varieties.

Z. H. GILREATH, 600 Cortling Avenue, MACON, GA.

WHITE WYANDOTTE COCKERELS

Show birds, good breeders, or utility stock.

F. H. SHREWSBURY, Deputy, Ind.

LEGHORN PULLETS

Blanchard's strain S. C. White Leghorns, 8 to 11 months old. 300 for sale at \$1 to \$2 each. Pure-bred for egg production. Eggs, 15 for \$1.00

OAKWOOD POULTRY FARM, Mrs Hill, N. C.

My Famous "QUATILITY STRAIN" S. C. WHITE LEGHORNS

Finest laying strain on the South Atlantic coast. Large, strong Southern birds. Fully acclimated. Unexcelled for Southern Egg Farms. Isn't your selection worth a postal or 2-cent stamp? Free catalogue of exhibition and laying strains.

HAYDEN CLEMENT
SALISBURY - - - - - NORTH CAROLINA

BREEDERS' CARDS

CLASSIFIED ADVERTISING RATE, 2 cents per word, flat, subject to a discount of 10 per cent on yearly contracts amounting to \$6.00 or more. Ads in this department must be paid for in advance.

REGISTERED HOLSTEINS

HOLSTEIN BULL CALVES, "bred in silk."
Johnson Bible College, Kimberlin Heights, Tenn. 82

ANCONAS

SILVER MOTTLED ANCONAS—Best layers on earth. Eggs \$2.00 and \$3.00 per 15, \$4.00 and \$5.00 per 30. No stock for sale. Dismukes & Arrington, Castalian Springs, Tenn. 83

ANDALUSIANS.

BLUE ANDALUSIANS, White Faced Black Spanish, Silver Spangled Hamburgs and Indian Runner Ducks. Finest strains. First prize winners at the Tennessee State Fair and Appalachian Exposition, 1910. Eggs at \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 91

BLUE ANDALUSIANS—Most wonderfully BLUE ANDALUSIAN and White Face Black Spanish, Tennessee State Fair winners, 1908. Eggs, 15 for \$1.65; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 91

beautiful; great winter layers; winners everywhere, Hagerstown, Jamestown Exposition, Baltimore, Allentown. V. H. Council, Specialist. Warrenton, Va. 83

BABY CHICKS

BABY CHICKS—hatched from "x" to "xx" eggs. Many varieties, now ready. Magic Egg Tester Works, Section G., Buffalo N. Y. 83

DAY-OLD CHICKS, \$15 for 100, from prize-winning S. C. R. I. Reds and Buff Orpingtons. Delivery March, April and May. Eggs, \$1.00 for 15. Lynnwood Baldwin, Farmville, Va. 83

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